

VOICE & DATA

PRODUCTS CATALOG

Patch Panels • Patch Cords • Racks & Cabinets
Wire & Cable • Fiber Optics • Active Networking



ELECTRONICS *Supply Co., Inc.*
866-452-3578

Section	Page
Wire & Cable.....	1
Fiber Optics.....	13
Datacomm.....	42
Telecom.....	57
Installation Accesories.....	59
Pathways.....	62
Racks & Cabinets.....	67
Active Networking.....	74
Test & Measurement.....	80
Tools.....	82
Power.....	84
Chemicals.....	85
Metric Conversion Chart.....	86
Index.....	87

This Voice & Data Products Catalog contains just a sampling of the products we carry. Our expansive inventory includes thousands of the highest quality items from today's leading manufacturers. In addition to access to our vast inventory, we offer our customers all of the extra services they're looking for:

- Knowledgeable, highly responsive employees
- Dependable, world-class service
- Competitive pricing
- Accurately and promptly filled orders

To find out more about the depth and breadth of our product offerings, give us a call. We'd appreciate the opportunity to help you with your next project.



DataTwist® 5e UTP Cable - 24 AWG Solid Bare Copper

TIA/EIA-568-B.2, Category 5e Nonbonded-Pair Cables. Max DCR (ohm/100m) is 9.38 (9.0 for 1500A, 1500R, 1501A). Max DCR unbalance is 3.0% (5.0% for 1588A and 1588R). Max cap unbalance (pF/100m) is 330 (66.0 for 7997A, 200 for 1500A, 1500R, 1501A).



Non-Plenum - Polyolefin Insulation - PVC Jacket

Available in red, orange, yellow, green, blue, purple, light gray, white or black. Patch cable - 24 AWG stranded (7x32) bare copper conductors. Twisted pairs. RG-45 compatible.

Part #	No. Pairs	Std Lgth ft (m)	Nom. OD in (mm)
1592A	4	U-1000 (U-304.8), 1000 (304.8)	.213 (5.41)

Non-Plenum - Polyolefin Insulation - PVC Jacket

Available in red, orange, yellow, green, blue, gray or white.

Part #	No. Pairs	Std Lgth ft (m)	Nom. OD in (mm)
1500A	4	1000 (304.8), A-1000 (A-304.8)	.190 (4.83)
1500R	4	1000 (304.8), A-1000 (A-304.8)	.194 (4.93)

Plenum - Dual FRPO/FEP Insulation - Flamarrest® Jacket

Available in red, orange, yellow, green, blue, gray, white or natural.

Part #	No. Pairs	Std Lgth ft (m)	Nom. OD in (mm)
1501A	4	1000 (304.8), A-1000 (A-304.8)	.190 (4.83)

Non-Plenum - Polyolefin Insulation - Fluorescent Pink PVC Jacket

Part #	No. of Pairs	Std Lgth ft (m)	Nom. OD in (mm)
1583B	4	U-1000 (U-304.8), 1000 (304.8)	.195 (4.95)

Non-Plenum - Polyolefin Insulation

Available in dark gray or blue.

Part #	No. of Pairs	Std Lgth ft (m)	Nom. OD in (mm)
1588A	2	U-1000 (U-304.8), 1000 (304.8), 1640 (500.0)	.183 (4.65)
1588R	2	U-1000 (U-304.8), 1000 (304.8)	.183 (4.65)

Non-Plenum - Polyolefin Insulation

Available in white, black, gray, blue, red, orange, yellow, green or pink.

Part #	No. Pairs	Std Lgth ft (m)	Nom. OD in (mm)
1583A	4	U-1000 (U-304.8), 1000 (304.8), 1640 (500.0), 3000 (914.4)	.195 (4.95)
1583R	4	U-1000 (U-304.8), 1000 (304.8), 3000 (914.4)	.197 (5.00)

Plenum - FEP Teflon® Insulation - Flamarrest® Jacket

Available in natural or blue.

Part #	No. Pairs	Std Lgth ft (m)	Nom. OD in (mm)
1590A	2	1000 (304.8)	.175 (4.44)



DataTwist® 5e UTP Cable - 24 AWG Solid Bare Copper (cont.)

Plenum - FEP Teflon® Insulation - Flamarrest® Jacket

Available in red, orange, yellow, green, gray, white, black, pink, natural or blue.

Part #	No. Pairs	Std Lgth ft (m)	Nom. OD in (mm)
1585A	4	U-1000 (U-304.8), 1000 (304.8), 3000 (914.6)	.198 (5.03)

Plenum - FEP Teflon® Insulation - Fluorescent Pink Flamarrest® Jacket

Part #	No. Pairs	Std Lgth ft (m)	Nom. OD in (mm)
1585B	4	1000 (304.8)	.197 (5.00)

Plenum - FEP Teflon® Insulation - FEP Jacket

Available in blue or white. Limited combustible.

Part #	No. Pairs	Std Lgth ft (m)	Nom. OD in (mm)
1585LC	4	U-1000 (U-304.8)	.195 (4.95)

Local Area Network

DataTwist® 350 UTP Patch Cable

TIA/EIA-568-B.2, Category 5e enhanced Cat 5e Bonded-Pair Cables. 24 AWG bonded pairs stranded (7x32) tinned copper conductors. RJ-45 compatible. Max DCR (ohm/100m) is 9.0. Max DCR unbalance is 3.0%. Max. cap unbalance (pF/100m) is 66.0.



Part #	No. Pairs	Std Lgth ft (m)	Nom. OD in (mm)
1752A	4	U-1000 (U-304.8), 1000 (304.8)	.220 (5.59)

DataTwist® 5 UTP Cable - TIA/EIA-568-A, Cat 5 Nonbonded Pair Cable

24 AWG solid bare copper conductors. Twisted pairs. Rip cord. Non Plenum. Polyolefin Insulation. PVC Jacket (available in light gray or blue). Max. DCR (ohm/100m) is 9.38. Max DCR unbalance is 5.0%. Max cap. unbalance (pF/100m) is 330.

Part #	No. Pairs	Std Lgth ft (m)	Nom. OD in (mm)
1864A	25	1000 (304.8)	.526 (13.36)

DataTwist® 3 UTP Cables

TIA/EIA-568-A, Category 3 Nonbonded-pair cables. 24 AWG solid bare copper conductors. Twisted pairs. Nominal DCR is 28.0 ohm/M' and 91.8 ohm/km. Nominal impedance is 100. Nominal capacitance is 19.0 pF/ft (62.3 pF/m).



Non-Plenum - Polyolefin Insulation - Gray PVC Jacket

Part #	No. Pairs	Std. Lgth ft (m)	Nom. OD in (mm)
1227A1	2	U-1000 (U-304.8)	.173 (4.39)
1229A1	4	U-1000 (U-304.8)	.197 (5.00)
1232A1	25	1000 (304.8)	.399 (10.14)

Plenum - Low-Smoke PVC Insulation - White Low-Smoke PVC Jacket

Part #	No. Pairs	Std. Lgth ft (m)	Nom. OD in (mm)
1243A2	2	U-1000 (U-304.8)	.170 (4.32)
1245A2	4	U-1000 (U-304.8)	.200 (5.08)



DataTwist® 600e UTP Enhanced Category 6 Bonded-Pair Cables

TIA/EIA-568-B.2-1. 23 AWG bonded pairs solid bare copper. Patented E-Spline Center Member. Rip cord. Available in red, orange, yellow, green, blue, black, white, gray (7851A only), dark gray (7852A only).



Non-Plenum - Polyolefin Insulation - PVC Jacket

Part #	No. Pairs	Std. Lgth ft. (m)	Insul. Thick. in. (mm)	Nom. O.D. in. (mm)
7851A	4	1000 (304.8)	.009 (.23)	.225x.310 (5.72x7.87)

Plenum - FEP Teflon Insulation - Flamarrest® Jacket

Part #	No. Pairs	Std. Lgth ft. (m)	Insul. Thick. in. (mm)	Nom. O.D. in. (mm)
7852A	4	1000 (304.8)	.008 (.20)	.215x.290 (5.46x7.37)

MediaTwist® UTP Cable - Enhanced Category 6 Bonded-Pair Cables

TIA/EIA-568-B.2-1 cables. 23 AWG bonded pairs solid bare copper conductor. Rip cord. Max DCR (ohm/100m) is 9.0. Max. DCR unbalance is 3%. Max. cap unbal (pF/100m) is 49.2.



Non-Plenum - Polyolefin Insulation - PVC Jacket

Available colors are blue, red, yellow, orange, green, gold, purple, white, black or gray.

Part #	No. Pairs	Std. Lgth ft. (m)	Nom. OD in (mm)
1872A	4	1000 (304.8), A-1000 (A-304.8)	.365 x .165 (9.27 x 4.19)

Plenum - FEP Teflon® Insulation - Flamarrest® Jacket

Available colors are blue, natural, gray, red, yellow, orange, green, gold, purple, white or black.

Part #	No. Pairs	Std. Lgth ft. (m)	Nom. OD in (mm)
1874A	4	1000 (304.8), A-1000 (A-304.8)	.365 x .165 (9.27 x 4.19)

DataTwist® 6 UTP Category 6 Unbonded-Pair Cables

TIA/EIA-568-B.2-1 cables. 23 AWG solid bare copper. Twisted pairs. Central rod filler. Rip cord. Available colors are red, orange, yellow, green, blue, gray, black, white (7881A only), natural (7882A only).

Non-Plenum - Polyolefin Insulation - PVC Jacket

Part #	No. Pairs	Std. Lgth ft. (m)	Insul. Thick. in. (mm)	Nom. O.D. in. (mm)
7881A	4	1000 (304.8)	.009 (.23)	.235 (5.97)

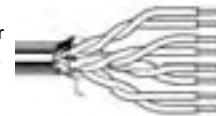
Plenum - FEP Teflon Insulation - Flamarrest® Jacket

Part #	No. Pairs	Std. Lgth ft. (m)	Insul. Thick. in. (mm)	Nom. O.D. in. (mm)
7882A	4	1000 (304.8)	.008 (.20)	.224 (5.69)



DataTwist® 350 UTP Cable, Category 5e

TIA/EIA-568-B.2, Enhanced Category 5e Bonded-Pair Cables 24 AWG Bonded-Pairs, solid bare copper conductors. Rip cord. Max. DCR (ohm/100m) is 9.0. Max. DCR unbalance is 3.0%. Max cap unbalance (pF/100m) is 66.0.



Plenum - FEP Teflon® Insulation

FEP jacket is available in blue or white. Does not have a rip cord. Limited combustible.

Part #	No. of Pairs	Std. Lengths Ft. (m)	Insul. Thick. in (mm)	Nom. O.D. in (mm)
1701LC	4	U-1000 (U-304.8) 1000 (304.8)	.008 (.20)	.187 (4.75)

Non-Plenum-Polyolefin Insulation

PVC jacket is available in red, orange, white, black, yellow, green, blue, purple, light gray or gray. 1000 ft. put-up not available in gray. 3000 ft. put-up available in red, blue, purple, white or light gray only. 1640 ft and 3280 ft put-ups available in light gray or blue only. U-1000 ft. put-ups not available in black or gray.

Part #	No. of Pairs	Std. Lengths Ft. (m)	Insul. Thick. in (mm)	Nom. O.D. in (mm)
1700R	4	U-1000 (U-304.8) 1000 (304.8) 3000 (914.4)	.009 (.23)	.204 x 5.18

DataTwist® 5 ScTP Cables

TIA/EIA-568-A, Category 5 Nonbonded-pair cables. 24 AWG solid bare copper conductors. Twisted pairs. Overall Beldfoil® Shield. Drain wire. RJ-45 compatible. Max DCR (ohm/100m) is 9.38. Max DCR unbalance is 3%. Max cap. unbal. (pF/100m) is 300.



Plenum - FEP Teflon® Insulation - Flamarrest® Jacket

Available in red, orange, yellow, green, blue, purple, gray or natural.

Part #	No. Pairs	Std. Lgth ft (m)	Nom. O.D. in. (mm)
1624P	4	1000 (304.8), U-1000 (U-304.8)	.230 (5.84)

Non-Plenum - Polyolefin Insulation - PVC Jacket

Available in red, orange, yellow, green, blue, gray or black.

Part #	No. Pairs	Std Lgth ft (m)	Nom. OD in (mm)
1533R	4	1000 (304.8), A-1000 (A-304.8), 1640 (500)	.260 (6.60)

Plenum - FEP Teflon® Insulation - Flamarrest® Jacket

Jacket available in red, orange, yellow, green, blue, gray, black or natural.

Part #	No. Pairs	Std Lgth ft (m)	Nom. OD in (mm)
1533P	4	1000 (304.8), A-1000 (A-304.8)	.235 (6.00)


Superior Performance Twisted Pair Data Cables - DataTwist® 350 - Plenum

24 AWG solid bare copper, FEP insulated, 4 twisted pairs-each with adjoining singles, ripcord, Flamarrest® jacket in red, yellow, green, blue, purple, or natural, sequentially marked at two foot intervals. 3000 ft.put-up available in blue, yellow and natural. Color Codes: 1-White/Blue Stripe, Blue, 2-White/Orange Stripe, Orange, 3-White/Green Stripe, Green, 4-White/Brown Stripe, Brown. NEXT-Near End Crosstalk.



Part #	UL NEC C(UL) CEC Type	No. of Pairs	Standard Lengths - ft, m	Std. Unit Lbs. ea.	Insulation Thickness - Inch, mm	Nominal O.D. - Inch, mm	Max. DCR-ohms/100m	Max. DCR Unbal. %
1701A	NEC CMP CEC CMP	4	1000(304.8),U-1000(A-304.8), 3000(914.4)	25.1,30.5,73.4	.008, .203	.195, 4.95	9.0	5
1703A	NEC CMP CEC CMP	2 x 4	1000 (304.8)	23.0 (10.5)	-	-	-	-


Category 6 Cable - Pull-Pac® II

Unique tape design engineered for smaller overall diameter and ease of installation. Characterized and tested to 500 MHz. TRU-Mark™ print legend contains footage marking from 1000' to 0'. Unique product-specific packaging for ease of identification. UL verified for guaranteed performance. Application assurance warranty. Construction: Conductors 23 AWG solid bare annealed copper. Separator: Tape. Insulation: Non-Plenum: Polyolefin, Plenum: 3 pairs FEP/1 pair Polyolefin. Color Code: Pair 1: Blue-White/Blue, Pair 2: Orange-White/Orange, Pair 3: Green-White/Green, Pair 4: Brown-White/Brown. Rip Cord: applied longitudinally under jacket. Jacket: Non-Plenum: Flame-Retardant PVC. Plenum: Low-Smoke, Flexguard® Flame-Retardant PVC.

CMR (Non-Plenum)

Part #	Jacket Color
CR6.30.07	Blue
CR6.30.02	White
CR6.30.10	Gray
CR6.30.06	Green
CR6.30.05	Yellow
CR6.30.03	Red

CMP (Plenum)

Part #	Jacket Color
CP6.30.07	Blue
CP6.30.02	White
CP6.30.10	Gray
CP6.30.06	Green
CP6.30.05	Yellow
CP6.30.03	Red

Category 5e Cable - Pull-Pac® II

Characterized and tested to 250 MHz. TRU-Mark™ print legend contains footage marking from 1000' to 0'. Unique product-specific packaging for ease of identification. UL verified for guaranteed performance. Application assurance warranty. Conductors 24 AWG solid bare annealed copper. Insulation: Non-Plenum: Polyolefin. Plenum: 3 pairs FEP/1 pair Polyolefin. Color Code: Pair 1: Blue-White/Blue, Pair 2: Orange-White/Orange, Pair 3: Green-White/Green, Pair 4: Non-Plenum: Brown-White/Brown, Plenum: Brown-White. Rip Cord: applied longitudinally under jacket. Jacket: Non-Plenum: Flame Retardant PVC. Plenum: Low-Smoke, Flexguard® Flame-Retardant PVC.

CMR (Non-Plenum)

Part #	Jacket Color
CR5.30.07	Blue
CR5.30.02	White
CR5.30.10	Gray
CR5.30.06	Green
CR5.30.05	Yellow
CR5.30.03	Red


Category 5e Cable - Pull-Pac® II (cont.)
CMP (Plenum)

Part #	Jacket Color
CP5.30.07	Blue
CP5.30.02	White
CP5.30.10	Gray
CP5.30.06	Green
CP5.30.05	Yellow
CP5.30.03	Red

Category 5e - Indoor / Outdoor Wire

250 MHz, UTP, Spec. 7270, Type CMX

Outdoor-CMR. Conductors are 24 AWG solid bare annealed copper. Insulation is flame retardant polyolefin. The O.D (Inches) is 0.21. The Weight (Lbs/Kft) is 26. Four Pairs. Rip cord is applied longitudinally under jacket. Jacket is flame retardant PVC, sequential footage markings, and a temperature rating of -40°C to +75°C. Features include: UL dual listed CMX OUTDOOR-CMR, CMX OUTDOOR rating enables the wire to be used in outdoor applications*, UL listed type CMR for installation in vertical riser and general horizontal applications when installed in accordance with NEC Article 800-51 (b) (g), suitable for high-speed data transmission (i.e., 100 Mbps, 155 Mbps, etc.). Applications include: voice, T1, 10 BASE-T (IEEE 802.3), 4/16 Mbps Token Ring (IEEE 802.5), 100 Mbps TP-PMD (ANSI X3T9.5), 100 BASE-T (IEEE 802.3), 52/155 Mbps ATM, 1000 BASE -T (Gigabit Ethernet). Compliant with ANSI/TIA.EIA 568B.2 (Category 5e), NEMA WC63.1 (Category 5e), ANSI/ICEA S-100-685, UL Listed Type CMX OUTDOOR-CMR, c(UL) CMG. Packaging includes Pull-Pac® Carton (PP).

Part #	Jacket Color
2137113e	Ivory
2137114e	L.O. Gray



Category 5e - Plenum Cable

250MHz, UTP, Spec. 8482, Type MPP/CMP. The conductors are 24 AWG solid bare annealed copper. The insulation is FEP. The O.D. (Inches) is 0.18. The Weight (Lbs/Kft) is 19. The pairing is varying short pair lays. Rip cord applied longitudinally under jacket. Jacket is Flexguard® flame retardant PVC, 0°C low temperature handling rating and has sequential footage markings. Features include: All pair counts meet Category 5e Power Sum backbone transmission requirements, suitable for high speed data transmission (i.e., 100 Mbps, 155 Mbps 155 Mbps & Gigabit Ethernet), UL listed Type MPP/CMP for installation in ducts, plenums, and other spaces used as environmental air returns when installed in accordance with the NEC Article 800-51 (a) (g). Applications include voice, T1, 10 BASE-T (IEEE 802.3), 4/16 Mbps Token Ring (IEEE 802.5), 52/155 Mbps ATM, 100VG-AnyLAN, 100 Mbps TP-PMD (ANSI X 3T9.5), 100 BASE-T (IEEE 802.3), 1000 BASE-T (IEEE 802.3ab). Compliant with ANSI/TIA/EIA 568B.2 (Category 5e), ANSI/ICEA S-90-661 (Category 5e), NEMA WC63.1 (Category 5e), UL Listed Type MPP/CMP, c(UL) CMR. Packaging includes 1000ft Pull-Pac® Carton (PP), 1000ft Spool-Pac® (SPC), 1000ft spool (SP), 1000ft non-returnable reel (RL). *25 pair backbone cable is laid up with pairs 1-24 formed into 6 unjacketed 4-pair bundles and cabled around the jacketed 25th pair. this cable only meets Category 5 requirements.

Part #	Pairs	Jacket Color	PKG	O.D. (inches)	Weight (Lbs/Kft)
5131278e	4	Blue	PP	0.18	19
5131361e	4	White	PP	0.18	19
5131418e	4	Gray	PP	0.18	19
5131431e	4	Blue	SPC	0.18	19
5131450e	4	White	SPC	0.18	19
5131379e	4	Yellow	PP	0.18	19

Category 5e - Riser Cable

Conductors include 24 AWG solid bare annealed copper. Insulation is polyolefin. Varying is short pair lays. Rip cord applied longitudinally under jacket. Jacket is flame retardant PVC, and has sequential footage markings. Features include all pair counts meet Category 5e Power Sum backbone transmission requirements. Suitable for high-speed data transmission (i.e., 100Mbps, 155 Mbps & Gigabit Ethernet). UL Listed Type MPR/ CMR for installation in vertical risers and general horizontal applications, when installed in accordance with the NEC Article 800-51 (b) (g).

Part #	Jacket Color
5133200e	Gray
5133255e	White
5133299e	Blue
5133329e	Gray
5133374e	Blue
5133289e	Yellow

PlatinumPLUS™ -350MHz - Riser Cable

Premium Category 5e, UTP, Spec. 6480, Type MPR/ CMR. The conductors are 24 AWG solid bare annealed copper. The O.D. (Inches) is 0.12 and the Weight (Lbs/Kft) is 22. Insulation is polyolefin. Varying pair lays. Rip cord applied longitudinally under jacket. Jacket is flame retardant PVC, TRU-Mark™ print legend contains footage marking from 1000ft to 0ft. Features include sweep tested and characterized to 350 MHz, typical applications include 100 BAST-T & Gigabit Ethernet (IEEE 802.5) and 52/155 Mbps ATM, every master reel is tested for electrical performance, exceeds category 53 transmission requirements. UL listed type MPR/ CMR for installation in vertical riser and general horizontal applications when installed in accordance with NEC Article 800-51 (b) (g). Applications include 10 BASE-T, 4/16 Mbps token Ring, 100 BASE VG AnyLAN, 100 BASE-T, 52/155 Mbps ATM, 1000 BASE-T (Gigabit Ethernet). Compliances include ISO/ IEC 11801, ANDSI/TIA/EIA 568B.2 (Category 5e), ANSI/ICEA S-90-661 (Category 5e), NEMA WC 63.1 (Category 5e), UL listed type MPR/ CMR, c(UL) CMG. Packaging includes 1000ft of Pull-Pac® II carton (PP) and 1000ft Spool-Pac® (SPC). Includes 4 pairs.

Part #	Jacket Color	PKG
6133299	Blue	PP
6133403	Blue	SPC

Category 5 - Plenum Cable

ScTP, Spec. 4469, Type CMP. Conductors are AWG solid bare annealed copper. Insulation FEP. Four Pairs. The O.D (Inches) is 0.21. The weight (lbs/kft) is 23. Pairing is varying short pair lays. Rip cord is applied longitudinally under jacket. Core type is Mylar tape. Drain Wire 24 AWG 7/32 tinned copper. Shield polyester backed aluminum foil. Jacket is flame retardant PVC and has sequential footage markings. Features include: reduces effect of EMI/RFI in hostile electromagnetic environments, suitable for high-speed data transmission (i.e., 100 Mbps, 155 Mbps, etc.), UL Listd Type CMP for installation in ducts, plenums, and other spaces used as environmental air returns, when installed in accordance with the NEC Article 800-51 (a) (g). Applications include: voice, T1, 10 BASE-T (IEEE 802.3), 4/16 Mbps Token Ring (IEEE 802.5), 100 VG-AnyLAN, 100 MBPS TP-PMD (ANSI X3T9.5), 100 BASE-T (IEEE - 802.3), 52/155 Mbps ATM. Compliant ANSI/TIA/EIA 568A (Category), ANSI/ICEA S-90-661 (Category 5), NEMA WC63.1 (Category 5), UL Listed Type CMP, c(UL) CMP. Packaging includes 1000ft spool (SP).

Part #	Jacket Color
2131611	Blue
2131673	Gray

GenSPEED™ 6000 Plenum & Riser Cable

Unique tape design engineered for smaller overall diameter and ease of installation. Positive PSACR up to 300 MHz for future bandwidth requirements. Every master reel is tested for electrical performance compliance. TRU-Mark® print legend contains footage markings from 1000' to 0'. Unique product-specific packaging for ease of identification. Third-party verified for guaranteed performance. Application assurance warranty. Available in multiple jacket colors, and Pull-Pac, Spool-Pac and Spool packaging options.

Part #	Weight	CMP/CMR	Jacket Color	PKG	O.D. (Inches)
7131760	28	Plenum	Blue	Pull-Pac II	0.215
7131761	28	Plenum	White	Pull-Pac II	0.215
7131688	28	Plenum	Blue	Spool-Pac	0.215
7131689	28	Plenum	White	Spool-Pac	0.215
7133764	28	Riser	Blue	Pull-Pac II	0.220
7133765	28	Riser	Blue	Pull-Pac II	0.220
7133707	28	Riser	Blue	Spool-Pac	0.220
7133708	28	Riser	White	Spool-Pac	0.220

GenSPEED™ 5500 CMP - 350 MHz

Conductors are 24 AWG solid bare annealed copper. Insulation is FEP. Color code is Brown + White/Brown. Rip cord is applied longitudinally under jacket. Jacket is low-smoke, Flexguard® Flame-Retardant PVC. Jacket color is blue. Nominal cable diameter in inches is 0.190. Minimum bend radius is 1.0. Maximum pulling force (lbs) is 25.

Part #	Description
6131278	GenSPEED™ 5500 CMP - 350 MHz
6131433	GenSpeed™ 5500/PlatinumPLUS CMP - 350 MHz

Category 3 Cables

Conductors are 24 AWG solid bare copper. Riser and plenum insulation is flame-retardant semi-rigid PVC. Riser jacket is gray flame retardant PVC. Plenum jacket is white flame retardant PVC.



Part #	Description	Type
C3P002.30.02	24/2 Pair, White	Plenum
C3P004.30.02	24/4 Pair, White	Plenum
C3R002.30.10	24/2 Pair, Gray	Riser
C3R004.30.10	24/4 Pair, Gray	Riser



Category 3 - Riser Cable

UTP, Spec. 4462, Type MPR/CMR. The conductors are 24 AWG solid bare annealed copper. The insulation is flame retardant semi-rigid PVC. Pairing is three twists per foot minimum. The rip cord is applied longitudinally under jacket. Features include: all pair counts meet Category 3 Power Sum NEXT backbone wiring transmission requirements, UL listed type MPR/CMR for installation in vertical riser and general horizontal applications when installed in accordance with the NEC Article 800-51 (b) (g). Applications include voice, T1, 10 BASE-T (IEEE 802.3), 4 Mbps Token Ring (IEEE802.5), 52 Mbps ATM, 100 VG-AnyLAN. Compliant with IBM Type 3, ANSI/TIA/EIA 568B.2 (Category 3), ANSI/ICEA S-90-661 (Category 3), ULListed Type MPR/CMR, and c(UL) CMG. Packaging includes: 2-6pr; 1000ft Pull-Pac® Carton (PP), 1000ft Spool-Pac® (SPC), 1000 spool (SP), 12-100pr; 1000ft non-returnable reel (RL), 200-300pr; 500ft non-returnable reel (RL).

Part #	Pairs	Jacket Color	PKG	O.D. (Inches)	Weight (Lbs/Kft)
2133008	2	Beige	PP	0.14	9
2133009	2	Gray	PP	0.14	9
2133011	2	Gray	SP	0.14	9
2133012	3	Beige	PP	0.15	13
2133013	3	Gray	PP	0.15	13
2133015	3	Gray	SP	0.15	13
2133016	4	Beige	PP	0.17	16
2133017	4	Gray	PP	0.17	16
2133018	4	Beige	SP	0.17	16
2133019	4	Gray	SP	0.17	16
2133026	12	Beige	RL	0.27	47
2133027	12	Gray	RL	0.27	47
2133032	25	Beige	RL	0.42	105
2133033	25	Gray	RL	0.42	105
2133144	100	Gray	RI	0.74	375
2133161	50	Gray	RL	0.56	185
2133275	4	Blue	PP	0.17	16
2133296	4	White	PP	0.17	16
2133323	200	Gray	RL	1.02	724
2133359	4	White	SPC	0.17	16
2133370	50	Beige	RL	0.56	185
2133373	300	Gray	POL	1.23	1077

Category 3 - Plenum Cables

UTP, Spec. 4459, Type MPP/CMP. Conductors are 24 AWG solid bare annealed copper. Insulation is Flame retardant semi-rigid PVC. Pairing is three twists per foot minimum. Rip cord available on 2, 6 and 25 pairs. Jacket is Flexguard® flame retardant PVC, 0°C low temperature handling rating and has sequential footage markings. Features include: all pair counts meet Category 3 Power Sum NEXT backbone wiring transmission requirements. UL listed Type MPP/CMP for installation in ducts, plenums, and other spaces used as environmental air returns when installed in accordance with the NEC Article 800-51 (a) (g). Applications include: voice, T1, 10 BASE-T (IEEE 802.3), 5 Mbps token Ring (IEEE 802.5), 52 Mbps ATM, 100 VG- AnyLAN. Compliant with IBM Type 3, ANSI/TIA/EIA 568B.2 (Category 3), ANSI/ICEA S-90-661 (Category 3), UL Listed Type Mpp/CMP, c(UL) CMP. Packaging includes 1000ft Pull-Pac® Carton (PP), 1000ft non-returnable reel (RL).

Part #	Pairs	Jacket Color	PKG	O.D. (Inches)	Weight (Lbs/Kft)
2131245	4	White	PP	.17	17
2131313	4	Gray	PP	.17	17
2131256	25	Natural	RL	.39	105
2131376	50	Natural	RL	.57	191
2131377	100	Natural	RL	.85	377
2131243	2	White	PP	0.13	10
2131244	3	White	PP	0.15	13
2131248	3	White	SP	0.15	13
2131249	4	White	SP	0.16	17
2131419	4	Gray	SP	0.16	17

Superior Essex Category 5e Riser

Category 5e Riser with easy to see color-coded labels that match the color of the wire. It features the QuickCount® marking system that counts down to zero feet-removing the guess work concerning how much wire remains inside the box or on the reel. UL listed. UL verified category compliant.

Part #	Description
2011167521	4 Pair 24 Gauge Blue 1000 Foot Pop Box 51-240-25
2011157521	4 Pair 24 Gauge Gray 1000 Foot Pop Box 51-240-35
2011197521	4 Pair 24 Gauge Blue 1000 Foot Pop Box 51-241-28

Superior Essex Category 3 Riser

Category 3 Riser with easy to see color-coded labels that match the color of the wire. It features the QuickCount® marking system that counts down to zero feet – removing the guess work concerning how much wire remains inside the box or on the reel. UL listed. UL verified category compliant.

Part #	Description
2015977521	2 Pair 24 Gauge Gray 1000 Foot Pop Box 18-002-33
2016327521	4 Pair 24 Gauge Beige 1000 Foot Pop Box 18-241-13
2016337521	4 Pair 24 Gauge Gray 1000 Foot Pop Box 18-241-33

Superior Essex Category 3 Plenum

Category 3 Plenum with easy to see color-coded labels that match the color of the wire. It features the QuickCount® marking system that counts down to zero feet – removing the guess work concerning how much wire remains inside the box or on the reel. UL listed. UL verified category compliant.

Part # 2018387521

MULTI-CART®



2 New Wire Spooler Attachments

- Slip-On Conduit Spooler
- Piggy Back Spooler





Coaxial Cables



Part #	Cable Designation	Strands/Cond. Dia.	Insul. Material	Shield Type Tape/Braid	Jacket Material (OD in)	Nom. Imp	Nom. Cap (pF/Ft.)
1151A	RG-59/U Type Plenum	1/.032"	FFEP	DF/52% TC DC/34% TC	FEP (.236)	75	16.5
1152A	RG-6/U Type Plenum	1/.040	FFEP	DF/60% TC DF/40% TC	FEP (.273)	75	16.5
1153A	RG-11/U Type Plenum	1/.064	FFEP	DF/60% TC DF/40% TC	FEP (.387)	75	16.5
1164B	Bundled Coax RGB	7/.019"	FHDPE	DF/93% TC	PVC (.388)	75	17.3
1167B	Bundled Coax RGB	7/.019"	FHDPE	DF/93% TC	PVC (.455)	75	17.3
1186A	RG-59/U Type	1/.032"	GIFHDPE	DBIV, 67% AL 40% AL	PVC (.265)	75	16.2
1189A	RG-6/U Type	1/.040	GIFPE	DBIV, 60% AL 40% AL	PVC (.298)	75	16.2
1190A	RG-6/U Type Burial	1/.040"	GIFPE	DBIV/60% AL	PE (.298)	75	16.2
1406B	Bundled Coax Miniature RGB	7/.019"	HFDPE	DF/93% TC	PVC (.388)	75	17.3
1407B	Bundled Coax Miniature RGB	7/.019"	FHDPE	DF/93% TC	PVC (.455)	75	17.3
1417B	Bundled Coax Miniature RGB	7/.019"	FHDPE	DF/93% TC	PVC (.477)	75	17.3
1418B	Bundled Coax RGB	7/.019"	FHDPE	DF/93% TC	PVC (.477)	75	17.3
1426A	RG-59/U Type	1/.032"	GIFHDPE	None/95% BC	PVC (.242)	75	16.3
1505A	RG-59/U Type	1/.032"	GIFHDPE	DF/95% TC	PVC (.234)	75	16.3
1505F	RG-59/U Type	7/.031"	GIFHDPE	None/94% BC + None/94% BC	PVC (.242)	75	17.0
1506A	RG-59/U Type Plenum	1/.032"	FFEP	DF/95% TC	FLM (.196)	75	16.0
1520A	Bundled Coax Sub-Miniature RGB	7/.012"	FHDPE	DF/90% TC	PVC (.283)	75	17.3
1521A	Bundled Coax Sub-Miniature RGB	7/.012"	FHDPE	DF/90% TC	PVC (.310)	75	17.3
1522A	Bundled Coax Sub-Miniature RGB	7/.012"	FHDPE	DF/90% TC	PVC (.338)	75	17.3
1523A	RG-11/U Type	1/.064	GIFPE	DBII/60% AL	PVC (.400)	75	16.2
1530A	RG-6/U Type	1/.040"	GIFPE	DBII/90% AL	PVC (.270)	75	16.2
1694A	RG-6/U Type Digital Video	1/.040	GIFHDPE	DF/95% TC	PVC (.275)	75	16.2
1695A	RG-6/U Type Plenum	1/.040	FFEP	DF/95% TC	FLM (.234)	75	16.2
1829BC	RG-6/U Type Burial	1/.040"	GIFPE	DBII/60% AL	PE (.270)	75	16.2
1855A	Miniature RG-59/U Type	1/.023"	GIFHDPE	DF/95% TC	PVC (.159)	75	16.3
7731A	RG-11/U Type	1/.064	GIFPE	DF/95% TC	PVC (.405)	75	16.0
7733A	RG-8/U Type	1/.108"	FFEP	DF/90% TC	PVDF (.355)	50	24.2
82108	RG-59/U Type Plenum	1/.032"	FFEP	DF/96% TC	FLM (.202)	75	16.5
8212	RG-59/U Type	1/.032"	FPE	None/95% BC	PE (.242)	75	17.3
82120	RG-6/U Type Plenum	1/.040"	FFEP	DF/95% TC	FLM (.234)	75	16.5
8213	RG-11/U Type	1/.064	FPE	None/97% BC	PE (.405)	75	17.3
8215	RG-6A/U Type	1/.028"	PE	None/96% BC None/95% BC	PE (.332)	75	20.5
8221	RG-59/U Type	1/.0253"	FPE	None/85% BC	PVC (.242)	80	16.3
82241	RG-59/U Type Plenum	1/.023"	FEP	None/97% BC	FLM (.190)	75	19.5
82248	RG-6/U Type Plenum	1/.040"	FFEP	DF/65% TC	FLM (.222)	75	16.5
82259	RG-59/U Type Plenum	7/.030"	FFEP	None/95% BC	FLM (.193)	75	17.3
8238	RG-11/U Type	7/.0159	FRSFPE	None/97% BC	PVC (.405)	75	20.5
8241	RG-59/U Type	1/.023"	PE	None/95% BC	PVC (.240)	75	20.5
8263	RG-59/U Type	1/.023"	PE	None/95% BC	PVC-NC (.242)	75	20.5
8279	RG-59/U Type Precision	7/.023"	PE	None/95% TC	PE (.220)	75	21
8281	RG-59/U Type Precision Video	1/.031"	PE	None/97% TC None/95% TC	PE (.305)	75	21
8281B	RG-59/U Type Precision Video	1/.031"	FRSFPE	None/97% TC None/95% TC	PVC (.305)	75	21
8281F	RG-59/U Type Precision Video	7/.0315"	PE	None/97% TC None/95% TC	PVC (.305)	75	21
87120	RG-6/U Type Plenum	1/.040"	FFEP	DF/95% TC	PVDF (.234)	75	16.5
88241	RG-59/U Type Plenum	1/.023"	FEP	None/97% BC	FEP (.190)	75	19.5

Coaxial Cables
(cont.)

Part #	Cable Designation	Strands/Cond. Dia.	Insul. Material	Shield Type Tape/Braid	Jacket Material (OD in)	Nom. Imp	Nom. Cap (pF/Ft.)
88281	RG-59/U Type Precision Video Plenum	1/.032"	FEP	None/98% TC None/96% TC	PVDF (.271)	75	19.0
89120	RG-6/U Type Plenum	1/.040"	FFEP	DF/95% TC	FEP (.234)	75	16.5
89248	RG-6/U Type Plenum	1/.040"	FFEP	DF/65% TC	FEP (.222)	75	16.5
89259	RG-59/U Type Plenum	7/.010	FFEP	None/95%BC	FEP (.193)	75	17.3
89292	RG-11/U Type Plenum	1/.064"	FFEP	DF/63% TC	FEP (.346)	75	16.1
9011	RG-11/U Type	1/.064"	GIFPE	DF/40% AL	PVC (.400)	75	16.2
9058	RG-6/U Type	1/.040"	GIFPE	DB+/77% AL	PVC (.275)	75	16.2
9062	RG-6/U Type Burial	1/.040"	GIFPE	DB+/77% AL	PE (.275)	75	16.2
9064	RG-11/U Type	1/.064	GIFPE	DF+/77% AL	PVC (.400)	75	16.2
9066	RG-6/U Type Burial	1/.040"	GIFPE	DBII/60% AL	PE (.270)	75	16.2
9104	RG-59/U Type	1/.032"	GIFPE	DBII/67% AL	PVC (.237)	75	16.2
9110	RG-59/U Type	1/.032"	GIFHDPE	DBII/67% AL	PVC (.242)	75	16.2
9116	RG-6/U Type	1/.040"	GIFPE	DBII/60% AL	PVC (.270)	75	16.2
9117M	RG-6/U Type Messengered	1/.040"	GIFPE	DBII/60% AL	PVC (.270 x .410)	75	16.2
9118	RG-6/U Type	1/.040"	GIFPE	DBIII/60% AL	PVC (.275)	75	16.2
9141	RG-59/U Type Precision Video	1/.031"	PE	None/97% TC None/95% TC	PE (.305)	75	20.0
9231	RG-59/U Type Precision Video	1/.031"	PE	None/97% TC None/95% TC	PVC (.305)	75	21
9240	RG-59/U Type	1/.032"	FPE	None/80% BC	PVC (.241)	75	17.3
9244	RG-59/U Type	1/.025"	PE	None/85% BC	PVC (.242)	75	19.4
9248	RG-6/U Type	1/.040"	GIFHDPE	DF/65% TC	PVC (.270)	75	16.2
9259	RG-59/U Type	7/.030"	FPE	None/95% BC	PVC (.241)	75	17.3
9267	RG-59/U Type Triaxial	1/.032"	GIFHDPE	Inner None/95% BC Outer None/80% BC	Inner PE (.216) Outer H (.360)	75	16.3
9274	RG-59/U Type	1/.032"	FPE	None/95% BC	PVC (.240)	75	16.3
9275	RG-59/U Type	1/.032"	GIFPE	DF/40% AL	PVC (.237)	75	16.2
9290	RG-6/U Type	1/.037"	FPE	None/95% BC None/95% BC	PVC (.288)	75	17.3
9292	RG-11/U Type	1/.064	FPE	DF/61% TC	PVC (.405)	75	17.3
9659	RG-59/U Type	7/.030"	FPE	None/95% BC	PVC-NC (.242)	75	17.3
9764	RG-11/U Type Burial	1/.064	GIFPE	DF+/77% AL	PE (.400)	75	16.2



Coaxial Cable

RG 59/U Type

Conductors are copper clad steel per ASTM B-869. Insulation/Core is solid and foamed polyethylene designs and foamed FEP design. Shield is bare copper or aluminum braid and Flexfoil® shield. Jacket is premium PVC compound or PE compound. ROHS compliant.

Part #	Type	Insulation in. (mm)	Shield Coverage Nom Shld DCR	Nom. O.D. in. (mm)
C1158A	Miniature Type	0.100 (2.54)	93% Tinned Copper Braid 6.5 ohm/M	0.150 (3.81)

RG 6/U Type

Conductors are copper per ASTM B-3 and copper clad steel per ASTM B-869. Insulation/core is solid and cellular polyethylene designs. Shield is tinned, bare copper or aluminum braid and Flexfoil® shield. Jacket is premium PVC compound or PE compound. Insulation material is Cellular Polyethylene (C5810 is Solid Polyethylene). Nominal capacitance - pF/ft, pF/m is 16.20, 53.15 (C5810 is 20.50, 67.26).

Part #	AWG Size Nom. DCR	Insulation in. (mm)	Shield Coverage Nom Shld DCR	Nom. O.D. in. (mm)
C5777	18 Ga. Solid Copper Clad Steel 28.9 ohm/M	0.177 (4.50)	100% Flexfoil® Bonded +61% Tinned Copper Braid 6.5 ohm/M	0.260 (6.60)
C5802	18 Ga. Solid Copper Clad Steel 28.9 ohm/M	0.180 (4.57)	100% Flexfoil® Bonded +60% Aluminum Braid 9.0 ohm/M	0.270 x 0.428 (6.86 x 10.87)
C5804	18 Ga. Solid Copper Clad Steel 28.9 ohm/M	0.180 (4.57)	100% Flexfoil® Bonded +60% Aluminum Braid w/ water block 9.0 ohm/M	0.270 (6.86)



Coaxial Cable (cont.)

RG 6/U Type

Conductors are copper per ASTM B-3 and copper clad steel per ASTM B-869. Insulation/core is foamed polyethylene design and foamed FEP design. Shield is tinned copper or aluminum braid and Flexfoil® shield. Jacket is premium PVC compound. Insulation material is Cellular Polyethylene (C3523 and C3521 Cellular FEP).



Part #	AWG Size Nom. DCR	Insulation in. (mm)	Shield Coverage Nom Shld DCR	Nom. O.D. in. (mm)
C3521	18 Ga. Solid Bare Copper 6.5 ohm/M	0.170 (4.318)	100% Flexfoil® +95% Tinned Copper Braid 2.3 ohm/M	0.233 (5.92)
C3523	18 Ga. Solid Bare Copper 6.5 ohm/M	0.170 (4.318)	100% Flexfoil® +61% Tinned Copper Braid 2.3 ohm/M	0.226 (5.74)
C5820	18 Ga. Solid Copper Clad Steel 28.9 ohm/M	0.177 (4.50)	100% Flexfoil® Bonded +60% Aluminum Braid 9.0 ohm/M	0.267 (6.78)
C5822	18 Ga. Solid Copper Clad Steel 28.9 ohm/M	0.180 (4.57)	100% Flexfoil® Bonded +60% Aluminum Braid 9.0 ohm/M	0.270 x 0.595 (6.86 x 15.11)
C5824	18 Ga. Solid Bare Copper 6.5 ohm/M	0.180 (4.57)	100% Flexfoil® Bonded +60% Aluminum Braid 9.0 ohm/M	0.270 x 0.410 (6.86 x 10.41)
C5826	18 Ga. Solid Bare Copper 6.5 ohm/M	0.180 (4.57)	100% Flexfoil® Bonded +60% Aluminum Braid 9.0 ohm/M	0.270 x 0.720 (6.86 x 17.86)

RG 6/U Type

Conductors are copper per ASTM B-3 and copper clad steel per ASTM B-869. Insulation/core is foamed polyethylene. Shield is bare copper or aluminum braid and Flexfoil® shield. Jacket is premium PVC compound. AWG Size Nom. DCR is 18 ga. solid copper clad steel 28.9 ohm/M (C5761 is 18 ga. solid bare copper 6.5 ohm/M). Insulation material is Cellular Polyethylene. Nominal capacitance - pF/ft, pF/m is 16.20, 53.15.



Part #	Type	Insulation in. (mm)	Shield Coverage Nom Shld DCR	Nom. O.D. in. (mm)
C5760	RG 6/U Type	0.180 (4.57)	100% Flexfoil® 30 Ga. CCS Spiral Served Shield 2.5 ohm/M	0.240 (6.10)
C5761	CCTV NEC CL2, CATV, CM CEC CM	0.180 (4.57)	100% Flexfoil® +95% Bare Copper Braid 2.6 ohm/M	0.270 (6.86)
C5774	NEC CL2, CATV, CM CEC CM	0.177 (4.50)	100% Flexfoil® Bonded +40% Aluminum Braid 10.5 ohm/M	0.267 (6.78)
C5775	NEC CL2, CATV, CM CEC CM	0.177 (4.50)	100% Flexfoil® Bonded +60% Aluminum Braid 9.0 ohm/M	0.263 (6.68)
C5776	NEC CL2, CATV, CM CEC CM	0.177 (4.50)	100% Flexfoil® Bonded +95% Aluminum Braid 4.4 ohm/M	0.267 (6.78)
C5785	Quad-Shield NEC CL2, CATV, CM CEC CM	0.177 (4.50)	(2) 100% Flexfoil® 1st Bonded (1) 60% (1) 40% Aluminum Braids 3.7 ohm/M	2.92 (7.42)

RG 8/U Type

Conductors are copper per ASTM B-3. Insulation/Core is solid and foamed polyethylene designs. Shield is tinned or bare copper braid and Flexfoil® shield. Jacket is premium PVC compound. Packaging is 1000' (305m) reels and 1000' (305m) Pull-Pac® cartons. Other put-ups available. Applications are suitable for RF signal transmission, broadcast and citizen band antenna. Nominal Impedance, ohm is 50 except C1154 is 52.



Part #	Type	AWG Size Nom. DCR	Insulation Material - inches (mm)	Shield Coverage Nom Shld DCR	Nominal O.D. - inches (mm)	Nominal Capacitance - pF/ft, pF/m	Velocity of Propagation, %	Nominal Attenuation - MHz (dB/100')
C1154	JAN-C-17A Type	13 Ga. (7x21) Bare Copper 1.9 ohm/M	0.285 (7.24)	95% Bare Copper Braid 1.2 ohm/M	0.405 (10.29)	29.50, 96.79	66	1(0.16), 10(0.56), 50(1.30), 100(1.90), 200(2.80), 500(4.70), 1000(7.40)
C1180	-	9 1/2 Ga. Solid Bare COpper 0.90 ohm/M	0.285 (7.24)	100% Flexfoil® Bonded +88% Tinned Copper Braid 1.8 ohm/M	0.405 (10.29)	24.60, 80.71	84	1(0.13), 10(0.40), 50(0.90), 100(1.30), 200(1.80), 500(3.00), 1000(4.50)
C1198	-	11 Ga. (19x24) Bare COpper 1.9 ohm/M	0.285 (7.24)	95% Bare Copper Braid 1.1 ohm/M	0.405 (10.29)	26.00, 85.31	78	1(0.17), 10(0.57), 50(1.20), 100(1.80), 200(2.70), 500(4.70), 1000(7.10)

RG 11/U Type

Conductors are copper per ASTM B-3 and copper clad steel per ASTM B-869. Insulation/Core is solid and foamed polyethylene designs. Shield is bare copper or aluminum braid and Flexfoil® shield. Jacket is premium PVC compound or PE compound. Packaging is 1000' (305m) reels and 1000' (305m) Pull-Pac® cartons. Other put-ups available. Applications are suitable for RF signal transmission, MATV, CATV, drop cable and CCTV. Nominal Capacitance - pF/ft, pF/m is 16.20, 53.15 except C1160 is 20.50, 67.26. Nominal Impedance, ohm is 75. Material is Cellular Polyethylene except C1160 is Solid Polyethylene.

Part #	Type	AWG Size Nom. DCR	Insulation Material - inches (mm)	Shield Coverage Nom Shld DCR	Nominal O.D. - inches (mm)	Velocity of Propagation, %	Nominal Attenuation - MHz (dB/100')
C1160	JAN-C-17A Type	18 Ga. (7x26) Tinned Copper 6.1 ohm/M	0.285 (7.24)	95% Bare Copper Braid 1.2 ohm/M	0.400 (10.16)	66	1(0.20), 10(0.70), 50(1.30), 100(2.00), 500(4.70), 1000(7.10)
C5025	-	14 Ga. Solid Copper Clad Steel 11.4 ohm/M	0.285 (7.24)	97% Bare Copper Braid 1.2 ohm/M	0.405 (10.29)	83	1(0.30), 10(0.70), 50(1.00), 100(1.50), 200(2.20), 500(3.70), 1000(5.30)



**Coaxial Cable
(cont.)**

RG 11/U Type

Conductors are copper clad steel per ASTM B-869. Insulation/Core is foamed polyethylene designs. Shield is bare copper or aluminum braid and Flexfoil® shield. Jacket is premium PVC compound or PE compound. Packaging is 1000' (305m) reels and 1000' (305m) Pull-Pac® cartons. Other put-ups available. Applications are suitable for RF signal transmission, MATV, CATV, drop cable and direct burial. AWG Size Nom. DCR is 14 Ga. Solid Copper Clad Steel 11.4 ohm/M. Insulation Material in inches (mm) is 0.280 (7.11) Cellular Polyethylene. Nominal Capacitance - pF/ft, pF/m is 16.20, 53.15. Velocity of Propagation, % is 85. Nominal Impedance, ohm is 75. Nominal Attenuation - MHz (dB 100') is 1(0.30), 10(0.70), 50(0.90), 100(1.30), 200(1.90), 500(3.00), 1000(4.40).



Part #	Type	Shield Coverage Nom Shld DCR	Nominal O.D. - inches (mm)
C5029	NEC CL2, CM CEC CM	100% Flexfoil® Bonded +61% Tinned Copper Braid 3.0 ohm/M	0.395 (10.03)
C5043	MoistureGuard™ Direct Burial, Flooded	100% Flexfoil® Bonded +60% Aluminum Braid with water block 5.3 ohm/M	0.395 (10.03)

RG 59/U Type

Conductors are copper per ASTM B-3 and copper clad steel per ASTM B-869. Insulation/Core is solid and foamed polyethylene designs. Shield is bare copper braid. Jacket is premium PVC compound or PE compound. Insulation material is 0.146 in. (3.71mm) Cellular Polyethylene (C1106 is Solid Polyethylene). Shield coverage nom. shld DCR is 95% Bare Copper Braid 2.6 ohm/M (C1102 is 3.5 ohm/M). Nominal O.D. is 0.242 in. (6.15mm) except C1142 is 0.234 (5.94).



Part #	Type	AWG Size Nom. DCR
C1102	-	20 Ga. Solid Copper Clad Steel 45.9 ohm/M
C1103	CCTV NEC CL2, CATV, CM CEC CM	22 Ga. (7x30) Bare Copper 14.8 ohm/M
C1104	-	22 Ga. Solid Copper Clad Steel 73.4 ohm/M
C1106	RG 59B/U Type MIL-C-17D Type	23 Ga. Solid Copper Clad Steel 68.5 ohm/M
C1135	NEC CL2, CATV, CM CEC CM	22 Ga. Solid Copper Clad Steel 73.4 ohm/M

RG 59/U Type

Conductors are copper per ASTM B-3 and copper clad steel per ASTM B-869. Insulation/Core is solid and foamed polyethylene designs. Shield is tinned, bare copper or aluminum braid and Flexfoil® shield. Jacket is premium PVC compound. Packaging is 1000' (305m) reels and 1000' (305m) Pull-Pac® cartons. Other put-ups available. Applications are suitable for RF signal transmission, MATV, local area network, citizen band radio, monitor/VDT display, analog and digital video. Insulation Material in inches (mm) is 0.146 (3.71).



Part #	Type	AWG Size Nom. DCR	Shield Coverage Nom Shld DCR	Nominal O.D. - inches (mm)	Nominal Capacitance - pF/ft, pF/m	Velocity of Propagation, %	Nominal Impedance, ohm	Nominal Attenuation - MHz (dB 100')
C1112	-	22 Ga. Solid Copper Clad Steel 73.4 ohm/M	70% Bare Copper Braid 4.5 ohm/M	0.242 (6.15)	16.30, 53.48	78	80	1(0.42), 10(0.92), 50(2.44), 100(2.90), 200(5.18), 500(5.70), 1000(8.12)
C8005	RG 59/U Dual-Type NEC CL2, CM CEC CM	23 Ga. Solid Copper Clad Steel 68.5 ohm/M	100% Flexfoil® +95% Tinned Copper Braid 2.9 ohm/M	0.242 x 0.498 (6.15 x 12.65)	21.00, 68.90	66	73	1(0.44), 10(1.02), 50(2.44), 100(3.55), 200(5.18), 500(8.59), 1000(13.56)

RG 59/U Type

Conductors are copper clad steel per ASTM B-869. Insulation/Core is foamed polyethylene designs. Shield is aluminum braid and Flexfoil® shield. Jacket is premium PVC compound. AWG size nom. DCR is 20 Ga. Solid Copper Clad Steel 45.9 ohm/M (C5770 is 22 Ga. Solid Copper Clad Steel 73.4 ohm/M). Insulation material is 0.144 in. (3.66mm) Cellular Polyethylene. Nominal impedance is 75 ohm (C5770 is 80 ohm).



Part #	Type	Shield Coverage Nom Shld DCR	Nom. O.D. in. (mm)
C5770	NEC CL2, CATV, CM CEC CM	100% Flexfoil® Bonded +40% Aluminum Braid 11.0 ohm/M	0.231 (5.87)
C5780	MATV NEC CL2, CATV, CM CEC CM	100% Flexfoil® Bonded +40% Aluminum Braid 11.0 ohm/M	0.234 (5.94)

Wire & Cable

- Multiconductor
- Flat Cable
- Paired Cables
- Fire Alarm/Security Cable
- Microphone/Audio
- Hook-Up Wire
- LAN
- Home Automation



Direct Burial Cables

Individually Shielded

20 AWG stranded (10x30). Tinned copper. Twisted pairs. Individually shielded with 100% Beldfoil®. 22 AWG stranded TC drain wire. Polypropylene insulation. Black high-density polyethylene jacket.



Part #	No. Pairs	Nom. OD in. (mm)
9883	3	.340 (8.64)
9886	6	.455 (11.56)

Overall Shield

20 AWG solid conductors. Tinned copper. Conductors cabled. Overall 100% Beldfoil® shield. 22 AWG solid TC drain wire. Polypropylene insulation. Black HDPE jacket.

Part #	No. Cond.	Nom. OD in. (mm)
9802	2	.190 (4.83)
9803	3	.205 (5.21)
9890	10	.310 (7.87)
9894	15	.390 (9.91)

Roadway Loop Cable

14 AWG stranded conductor (104x34). Tinned copper conductor. Black high-density polyethylene insulation.

Part #	No. Cond.	Nom. OD in. (mm)
9438	1	.139 (3.53)



Air Core Cable - Spec. 2101

Conductors are solid, annealed copper in sizes 19, 22, 24 and 26 AWG. Insulation is solid, high density polyethylene, color coded in accordance with telephone industry standards. Twisted pairs are insulated conductors that are twisted into pairs with varying lay lengths to minimize crosstalk. Core wrap is non-hygroscopic dielectric tape applied longitudinally with an overlap. Aluminum shield is corrugated 0.008" aluminum tape applied longitudinally with an overlap. Jacket is black, linear low density polyethylene. Compliance is Telcordia (Bellcore) specification GR-421-CORE.

Part #	Pairs AWG	O.D. Inches	Weight Lbs/Mft	Std. Lgth (ft.)
6937064	100/24	0.86	395	3000
6964795	400/24	1.5	1400	1000
6964811	300/24	1.4	1070	1000
6983381	900/24	2.2	3050	1000

Filled Solid Cable - Spec. 2002

Conductors are solid, annealed copper; sizes 19, 22, 24 and 26 AWG. Insulation is solid, high density polyethylene, color coded in accordance with telephone industry standards. Insulated conductors are twisted into pairs with varying lay lengths to minimize crosstalk. The entire core assembly is completely filled with TPR compound, filling the interstices between the pairs and under the core tape. Non-hygroscopic dielectric tape applied longitudinally with an overlap. Aluminum shield is corrugated, copolymer coated, 0.008" aluminum tape applied longitudinally with an overlap. The sheath interfaces are flooded with an adhesive water blocking compound. Jacket is black, linear low density polyethylene. Intended for duct and direct buried installations where protection against water and moisture entry is required. Rural Utilities Service (RUS) 7 CFR 1755.390 (REA PE-39) compliant.

Part #	Pairs AWG	O.D. Inches	Weight Lbs/Mft	Std. Lgth (ft.)
7524598	100/22	1.2	840	2500
7524655	50/24	0.81	330	500
7524648	25/24	0.61	185	5000
7524556	6/22	0.45	95	5000

Direct Burial, Audio and Communication Cable

Conductor is 20 AWG fully annealed solid tinned copper per ASTM B-33. Insulation is premium grade, color coded polyethylene. Shield is 100% Flexfoil® aluminum/polyester with 25% overlap, minimum, foil facing out. Solid tinned copper drain wire. Jacket is Permaline® high density polyethylene, black. temperature range is -20°C to 80°C. Applications are suitable for direct burial, outdoor uses and 100% shielded cable where RF shielding is required. Suggested voltage rating is 350 volts. Premaline® jackets resist deterioration. Sunlight resistant. Highly durable jacket. Packaging is 1000' (305m) spools or reels and 500' (152m) spools or reels. Other put-ups available. Cond. Strand. is solid. Nom. Insulation Thickness in inches (mm) is 0.013 (0.33). Nom Jacket Thickness in inches (mm) is 0.039 (0.99) except C2509 is 0.037 (0.94). C2509 ROHS compliant.

Part #	No. of Cond.	Nominal O.D. - inches (mm)
C2509A	2	0.190 (4.83)
C2510	3	0.205 (5.21)
C2511	10	0.310 (7.87)

Direct Burial, Audio and Communication

Conductor is 20 AWG fully annealed solid tinned copper per ASTM B-33. Insulation is premium grade, color coded polyethylene. Shield is 100% Flexfoil® aluminum/polyester with 25% overlap, minimum, foil facing in. Individually shielded pairs. Jacket is Permaline® high density polyethylene, black. temperature range is -20°C to 80°C. Applications are suitable for direct burial, outdoor uses and applications where total isolation of signal is required. Suggested voltage rating is 350 volts. Premaline® jackets resist deterioration. Sunlight resistant. Packaging is 1000' (305m) reels and 500' (152m) spools or reels. Other put-ups available. Cond. Strand. is 10/30. Nom. Insulation Thickness in inches (mm) is 0.013 (0.33). Nom Jacket Thickness in inches (mm) is 0.045 (1.14). Nom. Cap.* pF/ft - A (B) is 30.0 (55.0). *A - Capacitance between conductors. *B - Capacitance between one conductor and other conductors connected to shield.

Part #	No. of Pairs	Nominal O.D. - inches (mm)
C6061	3	0.340 (8.64)
C6062	6	0.442 (11.23)

Filled Solid Copper-Bearing Gopher-Resistant Cable - Spec. 2002

Conductors are solid, annealed copper. Insulation is solid, high density polyethylene, color coded in accordance with telephone industry standards. Insulated conductors are twisted into pairs with varying lay lengths to minimize crosstalk. The entire core assembly is completely filled with ETPR compound, filling the interstices between the pairs and under the core tape. Non-hygroscopic dielectric tape applied longitudinally with an overlap. Copper shield is corrugated, copper-bearing gopher-resistant tape applied longitudinally with an overlap. The sheath interfaces are flooded with an adhesive water blocking compound. Jacket is black, linear low density polyethylene. Rural Utilities Service (RUS) 7 CFR 1755.390 (REA PE-39) compliant.

Part #	Pairs/AWG	O.D. (in.)	Wgt. Lbs/Mft	Std. Lgth (ft.)
7528003	6/22	0.45	105	5000
7528011	12/22	0.56	170	5000
7528037	25/22	0.71	290	5000
7528045	50/22	0.95	520	5000
7528102	6/24	0.43	95	5000
7528110	12/24	0.51	135	5000
7528136	25/24	0.61	215	5000
7528144	50/24	0.81	375	5000



Outside Voice & Data - Filled Core Cables

Filled Foam Skin Quality Alpeth® Cable

Engineering specification is 2007. Type is RUS (REA). Product specification is PE-89. Conductors are solid annealed copper. Insulation is dual insulation consisting of an inner layer of foamed polyolefin surrounded by a solid polyolefin skin, color coded in accordance with telephone industry standards. Pairs are assembled together in a single group. The entire core assembly is completely filled with ETPR compound, filling the interstices between the pairs and under the core tape. Core wrap is non-hygroscopic dielectric tape applied longitudinally with an overlap. Conductor size is 24 AWG. Aluminum shielding. Standard packaging is per order length (pol). Rural Utilities Service (RUS) 7 CFR 1755.890 (REA PE-89) compliant.

Part #	Pairs AWG	O.D. Inches	Weight Lbs/Mft	Std. Lgth (ft.)
7525652	100/22	1.1	725	2500
7525785	25/24	0.59	175	5000
7525769	12/24	0.46	100	5000
7525835	200/24	1.2	900	2500

Filled Foam Skin CACSP Cable

Engineering specification is 2007. Type is RUS (REA). Product specification is PE-89. Conductors are solid annealed copper. Insulation is dual insulation consisting of an inner layer of foamed polyolefin surrounded by a solid polyolefin skin, color coded in accordance with telephone industry standards. Pairs are assembled together in a single group. Pairs are arranged in groups, each group having a color coded unit binder. The entire core assembly is completely filled with ETPR compound, filling the interstices between the pairs and under the core tape. Core wrap is non-hygroscopic dielectric tape applied longitudinally with an overlap. CACSP sheath aluminum shield is corrugated, copolymer coated, 0.008" aluminum tape applied longitudinally over the core wrap. CACSP sheath steel shield is corrugated, copolymer coated, 0.006" steel tape applied longitudinally over the aluminum tape with an overlap. The sheath interfaces are flooded with an adhesive water blocking compound. The jacket is black, linear low density polyethylene. Coated aluminum/coated steel shielding. Standard packaging is per order length (pol). Rural Utilities Service (RUS) 7 CFR 1755.890 (REA PE-89) compliant.

Part #	Cond. Size (AWG)	No. of Pairs	Outside Diameter (in)	Weight (lbs. per 1,000 ft.)
7526551	22	6	0.47	125
7526692	24	50	0.72	330
7526684	24	25	0.60	210

Filled Solid Cable

RUS (REA) PE-39 AL. Core Construction: Conductors are solid, annealed copper, sizes 19, 22 and 24 AWG. Insulation: solid, high density polyethylene, color-coded in accordance with telephone industry standards. Twisted Pairs: Insulated conductors are twisted into pairs with varying lay lengths to minimize crosstalk. Core Assembly: 25 pairs and less; pairs are assembled together in a single group. More than 25 pairs; pairs are arranged in groups, each group having a color-coded unit binder. Filling Compound: The entire core assembly is completely filled with ETPR compound, filling the interstices between the pair and under the core tape. Core Wrap: Non-hygroscopic dielectric tape applied longitudinally with an overlap. Sheath: Aluminum Shield: Corrugated, copolymer coated, 0.008" aluminum tape applied longitudinally with an overlap. The sheath interfaces are flooded with an adhesive water-blocking compound. Jacket: Black, linear low density polyethylene. Higher pair counts available.

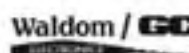
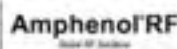
Part #	Pairs AWG	O.D. Inches	Weight lbs/mft	Standard Length (ft)
7524507	6/19	0.60	150	5000
7524515	12/19	0.75	275	5000
7524523	25/19	0.97	490	5000
7524531	50/19	1.3	910	2500
7524564	12/22	0.56	155	5000
7524572	25/22	0.71	260	5000
7524580	50/22	0.95	475	5000
7524598	100/22	1.2	840	2500
7524911	150/22	1.4	1210	2500
7524606	200/22	1.7	1610	2500
7524614	6/24	0.43	80	5000
7524622	12/24	0.51	120	5000
7524648	25/24	0.61	185	5000
7524655	50/24	0.81	330	5000
7524663	75/24	0.92	450	5000
7524671	100/24	1.0	580	5000
7524689	150/24	1.2	820	5000
7524697	200/24	1.3	1030	2500

Filled Solid 5-Mil Copper Cable

RUS (REA) PE-39 CU. Core Construction: Conductors are solid, annealed copper; sizes 19, 22 and 24 AWG. Insulation: solid, high density polyethylene, color-coded in accordance with telephone industry standards. Twisted Pairs: Insulated conductors are twisted into pairs with varying lay lengths to minimize crosstalk. Core Assembly: 25 pairs and less; pairs are assembled together in a single group. More than 25 pairs; pairs are arranged in groups, each group having a color-coded unit binder. Filling Compound: The entire core assembly is completely filled with the ETPR compound, filling the interstices between the pairs and under the core tape. Core Wrap: Non-hygroscopic dielectric tape applied longitudinally with an overlap. Sheath: Copper Shield: Corrugated, bare 0.005" copper tape applied longitudinally with an overlap. The sheath interfaces are flooded with an adhesive water-blocking compound. Jacket: Black, linear low density polyethylene. Higher pair counts available.

Part #	Pairs AWG	O.D. Inches	Weight lbs/mft	Standard Length (ft)
7525009	6/19	0.60	170	5000
7525017	12/19	0.75	300	5000
7525025	25/19	0.97	525	5000
7525033	50/19	1.3	960	2500
7525058	6/22	0.45	105	5000
7525066	12/22	0.56	170	5000

We also stock a wide variety of **Connectors**





Filled Solid 5-Mil Copper Cable (cont.)

Part #	Pairs AWG	O.D. Inches	Weight lbs/mft	Standard Length (ft)
7528565	18/22	0.66	235	5000
7525074	25/22	0.71	285	5000
7525082	50/22	0.95	505	5000
7528573	75/22	1.1	715	5000
7525090	100/22	1.2	885	2500
7528581	150/22	1.4	1260	2500
7525108	200/22	1.7	1670	2500
7525116	6/24	0.43	95	5000
7525124	12/24	0.51	135	5000
7525140	25/24	0.61	200	5000
7525157	50/24	0.81	355	5000
7525165	75/24	0.92	475	5000
7525173	100/24	1.0	610	5000
7525181	150/24	1.2	855	5000
7525199	200/24	1.3	1070	2500

Filled Solid Copper-Bearing Gopher-Resistant Cable

RUS (REA) PE-39 GR. Core Construction: Conductors: Solid, annealed copper; sizes 19, 22 and 24 AWG. Insulation: Solid, high density polyethylene, color-coded in accordance with telephone industry standards. Twisted Pairs: Insulated conductors are twisted into pairs with varying lay lengths to minimize crosstalk. Core Assembly: 25 pairs and less: pairs are assembled together in a single group. More than 25 pairs: pairs are arranged in groups, each group having a color-coded unit binder. Core Wrap: Non-hygroscopic dielectric tape applied longitudinally with an overlap. Sheath: Copper-Bearing Shield: Corrugated, copper-bearing gopher-resistant tape applied longitudinally with an overlap. The sheath interfaces are flooded with an adhesive water-blocking compound. Jacket: Black, linear low density polyethylene. Higher pair counts available.

Part #	Pairs AWG	O.D. Inches	Weight lbs/mft	Standard Length (ft)
7528755	6/19	0.60	165	5000
7528763	12/19	0.75	315	5000
7528789	25/19	0.97	540	5000
7528797	50/19	1.3	980	2500
7528029	18/22	0.66	245	5000
7528052	75/22	1.1	730	5000
7528060	100/22	1.2	900	2500
7528078	150/22	1.4	1280	2500
7528086	200/22	1.7	1700	2500
7528128	18/24	0.57	175	5000
7528151	75/24	0.92	495	5000
7528169	100/24	1.0	630	5000
7528177	150/24	1.2	885	5000
7528185	200/24	1.3	1100	2500

Filled Foam Skin Cable

RUS (REA) PE-89 AL. Core Construction: Conductors: Solid, annealed copper; sizes 19, 22 and 24 AWG. Insulation: Dual insulation consisting of an inner layer of foamed polyolefin surrounded by a solid polyolefin skin, color-coded in accordance with telephone industry standards. Twisted Pairs: Insulated conductors are twisted into pairs with varying lay lengths to minimize crosstalk. More than 25 pairs: pairs are arranged in groups, each group having a color-coded unit binder. Filling Compound: The entire core assembly is completely filled with ETPR compound, filling the interstices between the pairs and under the core tape. Core Wrap: Non-hygroscopic dielectric tape applied longitudinally with an overlap. Sheath: Aluminum Shield: Corrugated, copolymer-coated, 0.008" aluminum tape applied longitudinally with an overlap. The sheath interfaces are flooded with an adhesive water-blocking compound. Jacket: Black, linear low density polyethylene. Higher pair counts available.

Part #	Pairs AWG	O.D. Inches	Weight lbs/mft	Standard Length (ft)
7525504	6/19	0.57	155	5000
7525512	12/19	0.66	230	5000

Filled Foam Skin Cable (cont.)

Part #	Pairs AWG	O.D. Inches	Weight lbs/mft	Standard Length (ft)
7525538	25/19	0.87	415	5000
7525595	6/22	0.47	100	5000
7525603	12/22	0.54	140	5000
7525629	25/22	0.65	230	5000
7525637	50/22	0.83	400	5000
7525678	200/22	1.4	1330	2500
7525751	6/24	0.40	70	5000
7525793	50/24	0.72	290	5000
7525819	100/24	0.90	490	5000
7525827	150/24	1.1	690	5000

Filled Foam Skin CACSP Cable

RUS (REA) PE-89 CACSP. Core Construction: Conductors: Solid, annealed copper; sizes 22 and 24 AWG. Insulation: Dual insulation consisting of an inner layer of foamed polyolefin surrounded by a solid polyolefin skin, color-coded in accordance with telephone industry standards. Twisted Pairs: Insulated conductors are twisted into pairs with varying lay lengths to minimize crosstalk. Core Assembly: 25 pairs and less: pairs are assembled together in a single group. More than 25 pairs: Pairs are arranged in groups, each group having a color-coded unit binder. Filling Compound: The entire core assembly is completely filled with ETPR compound, filling the interstices between the pairs and under the core tape. Core Wrap: Non-hygroscopic dielectric tape applied longitudinally with an overlap. CACSP Sheath: Aluminum Shield: Corrugated, copolymer-coated, 0.008" aluminum tape applied longitudinally over the core wrap. Steel Shield: Corrugated, copolymer-coated, 0.006" steel tape applied longitudinally over the aluminum tape with an overlap. The sheath interfaces are flooded with an adhesive water-blocking compound. Jacket: Black, linear low density polyethylene. Higher pair counts available.

Part #	Pairs AWG	O.D. Inches	Weight lbs/mft	Standard Length (ft)
7526569	12/22	0.54	180	5000
7526577	25/22	0.65	280	500
7526585	50/22	0.83	465	5000
7526601	100/22	1.1	790	2500
7526619	200/22	1.4	1430	2500
7071608	6/24	0.40	90	5000
7526668	12/24	0.46	125	5000
7526718	100/24	0.90	550	5000
7526726	150/24	1.1	750	5000
7526734	200/24	1.2	980	2500



Buried Distribution Wire

Buried distribution wire (BDW) is a multiple pair double jacket drop wire with either a smooth copolymer-coated 8-mil aluminum tape or a 5-mil corrugated copper-clad alloy steel (CCAS) tape shield. The inner and outer jackets are a black low density polyethylene. The aluminum tape shield is recommended for non-gopher areas. Double Jacketed Buried Service Wire. Conductors: Solid annealed copper. Insulation: High density polyethylene. Package: Wood reel. Rip cord.

Part #	Pair/AWG	Shield	Core Filling	Length (ft.)
0000070669	2/22	Aluminum	80°C Compound	2500

Buried Service Wire

Buried service wire (BSW) is a multiple pair single jacket drop wire with a smooth copolymer-coated 8-mil aluminum tape, a 5-mil corrugated copper-clad alloy steel (CCAS) tape or is unshielded. The jacket is a black linear low density polyethylene. The aluminum tape shield and the unshielded are recommended for non-gopher areas. Conductors: Solid annealed copper. Insulation: High density polyethylene. Rip cord.

Part #	Pair/AWG	Shield	Core Filling	Length (ft.)
0000070677	2/22	Aluminum	80°C Compound	1000



Standard Loose Tube Dual Jacket Armored Cable

Dry water block cable core for ease of handling. Loose tube gel-filled construction for superior fiber protection. Rodent-proof construction. UV and moisture-resistant design. Operating temperature is -40°C (-40°F) to +70°C (+158°F). Minimum bend radius is 10 X in-service and 20 X installation outside diameter. Maximum crush resistance is 500 lbs/in (876 N/cm). Inner and outer jacket is black UV and moisture-resistant polyethylene (PE). Outer jacket has sequential meter markings. Armor is 0.006" corrugated steel tape. ANSI/TIA/EIA 568A, ETL Verified, ICEA S-87-640 and Rural Utilities Service (RUS) 7 CFR 1755.900 (REA PE-90) compliances. XX denotes fiber type: CT (Super/FDDI), CG (G300), BG (Super/50), AP (Super), BE (Gbit/50).

Part #	No. of Fibers	Nom. Cable Dia. In.(mm)	Install. Tensile lbs.(N)	Max. Tensile Load-In-Serv. Lbs (N)
(XX)0124H1F-DWB	12	.59 (15.0)	600 (2670)	180 (800)
(XX)0244H1F-DWB	24	.59 (15.0)	600 (2670)	180 (800)
(XX)0484H1F-DWB	48	.59 (15.0)	600 (2670)	180 (800)
(XX)0724H1F-DWB	72	.63 (15.9)	600 (2670)	180 (800)

Standard Self-Supporting (Figure-8) Cable

Fiber is 2 - 72 fibers, loose tube gel-filled and color coding per TIA/EIA 598A. Central strength member is epoxy/glass rod. Overall strength member is aramid fiber yarn or fiberglass. Jacket is black UV and moisture-resistant polyethylene (PE). Sequential meter markings. Messenger wire is 1/4" stranded EHS galvanized steel. Self-supporting figure-8 design. Temperature: Storage -40°C (-40°F) to 70°C (158°F) Operating -40°C (-40°F) to 70°C (158°F). Minimum bend radius: 20 X OD - Installation 10 X OD - In-service. Compliances are ANSI/TIA/EIA 568A, ICEA S-87-640, ETL verified and Rural Utilities Service (RUS) 7 CFR 1755.900 (REA PE-90). XX denotes cable type: CG (G300), BG (Super/50), BE (Gbit/50), AQ (Premium).

Part #	Fiber Count	# of Loose Tubes	Nom. Cable Dia. - in (mm)	Nom. Cable Wght - lbs/1000' (kg/km)
(XX)0023M1Y-DWB	2	2	0.46 x 0.92 (11.8 x 23.45)	208 (310)
(XX)0044M1Y-DWB	4	1	0.46 x 0.92 (11.8 x 23.45)	208 (310)
(XX)0064M1Y-DWB	6	1	0.46 x 0.92 (11.8 x 23.45)	208 (310)
(XX)0084M1Y-DWB	8	1	0.46 x 0.92 (11.8 x 23.45)	208 (310)
(XX)0124M1Y-DWB	12	1	0.46 x 0.92 (11.8 x 23.45)	208 (310)
(XX)0184M1Y-DWB	18	2	0.46 x 0.92 (11.8 x 23.45)	208 (310)
(XX)0244M1Y-DWB	24	4	0.46 x 0.92 (11.8 x 23.45)	208 (310)
(XX)0364M1Y-DWB	36	3	0.46 x 0.92 (11.8 x 23.45)	208 (310)
(XX)0484M1Y-DWB	48	4	0.46 x 0.92 (11.8 x 23.45)	208 (310)
(XX)0604M1Y-DWB	60	5	0.46 x 0.92 (11.8 x 23.45)	208 (310)
(XX)0724M1Y-DWB	72	6	0.50 x 0.96 (12.65 x 24.3)	217 (323)

Universal Plenum Cable

Fiber is 2 - 144 fibers, loose tube gel-filled and color coding per TIA/EIA 598A. Central strength member is epoxy/glass rod. Overall strength member is aramid fiber yarn or fiberglass. Jacket is black UV, moisture-resistant, and flame-retardant materials. Sequential meter markings. Temperature: Storage -40°C (-40°F) to 70°C (158°F) Operating -20°C (-4°F) to 70°C (158°F). Minimum bend radius: 20 X OD - Installation 10 X OD - In-service. Maximum crush resistance is 150 lbs/in (263 N/cm). Compliances are ETL and c(ETL) Listed Type OFNP and CSA FT-6. XX denotes fiber type: CG (G300), BG (Super/50)



Part #	Fiber Count	# of Loose Tubes	Nom. Cable Dia. - in. (mm)	Nom. Cab. Wgt. - lbs/1000' (kg/km)
(XX)0023M1D-DT	2	2	.31 (8)	46 (69)
(XX)0044M1D-DT	4	1	.31 (8)	47 (70)
(XX)0064M1D-DT	6	1	.31 (8)	48 (71)
(XX)0084M1D-DT	8	2	.31 (8)	46 (69)
(XX)0124M1D-DT	12	2	.31 (8)	47 (69)
(XX)0184M1D-DT	18	3	.31 (8)	45 (67)
(XX)0244M1D-DT	24	4	.31 (8)	44 (65)
(XX)0364M1D-DT	36	6	.34 (9)	50 (75)
(XX)0484M1D-DT	48	4	.38 (10)	57 (85)
(XX)0604M1D-DT	60	5	.38 (10)	54 (80)
(XX)0724M1D-DT	72	6	.41 (10)	65 (97)
(XX)0964M1D-DT	96	8	.48 (12)	98 (146)
(XX)1444H1D-DT	144	12	.69 (18)	179 (266)

Indoor/Outdoor Loose Tube Riser Cable

Fiber is 2 - 72 fibers, loose tube gel-filled and color coding per TIA/EIA 598A. Central Strength Member is epoxy/glass rod. Overall strength member is aramid fiber yarn. Jacket is black UV, moisture-resistant and flame-retardant polymer material. Sequential meter markings. Dry Water Block cable core for ease of handling. Temperature: Storage -40°C (-40°F) to 70°C (158°F) Operating -20°C (-4°F) to 70°C (158°F). Minimum bend radius: 20 X OD - Installation 10 X OD - In-service. Maximum crush resistance is 150 lbs/in (263 N/cm). Maximum vertical rise is 1,640 ft (500m). Compliances are ETL and c(ETL) Listed Type OFNR and CSA FT-4. Number of loose tubes is one. Maximum Tensile Load Installation - lbs (N) is 600 (2670). Maximum Tensile Load In-Service - lbs (N) is 135 (600). XX denotes fiber type: CT (Super/FDDI), CG (G300), BG (Super/50), AP (Super), BE (Gbit/50).



Part #	Fiber Count	# of Loose Tubes	Nom. Cab. Dia. - in (mm)	Nom. Cab. Wgt. - lbs/1000' (kg/km)
(XX)0023M1M	2	2	.356 (9.0)	53.5 (79.5)
(XX)0044M1M	4	1	.356 (9.0)	53.5 (79.5)
(XX)0064M1M	6	1	.356 (9.0)	53.5 (79.5)
(XX)0084M1M	8	2	.356 (9.0)	53.5 (79.5)
(XX)0124M1M	12	2	.356 (9.0)	53.5 (79.5)
(XX)0184M1M	18	3	.356 (9.0)	53.5 (79.5)
(XX)0244M1M	24	4	.356 (9.0)	53.5 (79.5)
(XX)0304M1M	30	5	.356 (9.0)	53.5 (79.5)
(XX)0364M1M	36	6	.383 (9.7)	61.6 (91.7)
(XX)0484M1M	48	4	.418 (10.6)	70.2 (104.5)
(XX)0604M1M	60	5	.418 (10.6)	69.6 (103.6)
(XX)0724M1M	72	6	.453 (11.5)	83.9 (124.8)



Standard Loose Tube Cable

Fiber is 2 - 216 fibers, loose tube gel-filled and color coding per TIA/EIA 598A. Central strength member is epoxy/glass rod. Jacket is black UV and moisture-resistant polyethylene (PE). Sequential meter markings. Temperature storage -40°C (-40°F) to 70°C (158°F) operating -40°C (-40°F) to 70°C (158°F). Minimum bend radius: 20 X OD - Installation, 10 X OD - In-Service. Maximum crush resistance is 150 lbs/in (263 N/cm). Compliances are ANSI/TIA/EIA 568A, ICEA S-87-640, ETL verified and rural utilities service (RUS) 7 CFR 1755.900 (REA PE-90). Maximum tensile load - Installation - lbs (N) is 600 (2670). Maximum tensile load - In-service - lbs (N) is 135 (600). XX denotes fiber type: AQ (Premium), CT (Super/FDDI), CG (G300), BG (Super/50), BE (Gbit/50).



Part #	Fiber	# of Loose Tubes	Nom. Cable Dia. - in (mm)	Nom. Cable Wght - lbs/1000' (kg/km)
(XX)0023M1A-DWB	2	2	.440 (11.1)	52.0 (76.0)
(XX)0044M1A-DWB	4	1	.440 (11.1)	52.0 (76.0)
(XX)0064M1A-DWB	6	1	.440 (11.1)	52.0 (76.0)
(XX)0084M1A-DWB	8	2	.440 (11.1)	52.0 (76.0)
(XX)0124M1A-DWB	12	1	.440 (11.1)	52.0 (76.0)
(XX)0184M1A-DWB	18	2	.440 (11.1)	52.0 (76.0)
(XX)0244M1A-DWB	24	2	.440 (11.1)	52.0 (76.0)
(XX)0364M1A-DWB	36	3	.440 (11.1)	52.0 (76.0)
(XX)0484M1A-DWB	48	4	.440 (11.1)	52.0 (76.0)
(XX)0604M1A-DWB	60	5	.440 (11.1)	52.0 (76.0)
(XX)0724M1A-DWB	72	6	.470 (12.0)	62.0 (93.0)
(XX)0964M1A-DWB	96	8	.540 (13.7)	78.0 (116.0)
(XX)1204M1A-DWB	120	10	.610 (15.4)	101.0 (150.0)
(XX)1444M1A-DWB	144	12	.680 (17.3)	126.0 (187.0)
(XX)1924M1A-DWB	192	16	.690 (17.6)	118.0 (176.0)
(XX)2164M1A-DWB	216	18	.690 (17.6)	118.0 (176.0)

Indoor/Outdoor Loose Tube Dual Jacket Riser Cable

Fiber is 2 - 216 fibers, loose tube gel-filled and color coding per TIA/EIA 598A. Central strength member is epoxy/glass rod. Overall strength member is aramid fiber yarn or fiberglass. Inner Jacket is black UV, moisture-resistant, and flame-retardant materials. Sequential meter markings. Excellent chemical resistance. Dual jacketed for harsh environments. Riser rated for indoor applications. Temperature: Storage -40°C (-40°F) to 70°C (158°F) Operating -40°C (-40°F) to 70°C (158°F). Minimum bend radius: 20 X OD - Installation 10 X OD - In-service. Maximum crush resistance is 500 lbs/in (875 N/cm). Maximum Vertical Rise is 1,640 ft (500m). Compliances are UL and c(UL) Listed Type OFNR and CSA FT-6. Maximum Tensile Load - Installation - lbs (N) is 600 (2670). Maximum Tensile Load - In-Service - lbs (N) is 135 (600). XX = Fiber Type: CT (Super/FDDI), CG (G300), BG (Super/50), AP (Super), BE (Gbit/50).



Part #	Fiber Count	# of Loose Tubes	Nom. Cab. Dia. - in (mm)	Nom. Cab. Wgt. - lbs/1000' (kg/km)
(XX)0023H1M	2	2	.411 (10.4)	77.5 (115.4)
(XX)0044H1M	4	1	.411 (10.4)	77.5 (115.4)
(XX)0064H1M	6	1	.411 (10.4)	77.5 (115.4)
(XX)0084H1M	8	2	.411 (10.4)	77.5 (115.4)
(XX)0124H1M	12	2	.411 (10.4)	77.5 (115.4)
(XX)0184H1M	18	3	.411 (10.4)	77.5 (115.4)
(XX)0244H1M	24	4	.411 (10.4)	77.5 (115.4)
(XX)0364H1M	36	6	.438 (61.1)	88.0 (131.0)
(XX)0484H1M	48	4	.473 (12.0)	100.7 (149.9)
(XX)0604H1M	60	5	.473 (12.0)	100.7 (149.9)
(XX)0724H1M	72	6	.508 (14.7)	154.3 (229.7)
(XX)0964H1M	96	8	.580 (14.7)	154.3 (229.7)
(XX)1204H1M	120	10	.681 (17.3)	202.1 (300.8)
(XX)1444H1M	144	12	.681 (17.3)	202.1 (300.8)
(XX)1924H1M	192	16	.732 (18.6)	232.9 (346.6)
(XX)2164H1M	216	18	.732 (18.6)	232.9 (346.6)



Standard Low-Smoke, Zero-Halogen (LSZH) Cable

Fiber is 2 - 144 fibers, loose tube gel-filled and color coding per TIA/EIA 598A. Central strength member is epoxy/glass rod. Overall strength member is aramid fiber yarn. Jacket is black UV, moisture-resistant, and flame-retardant polymer. Sequential meter markings. Dry Water Block cable core for ease of handling. Temperature: Storage -40°C (-40°F) to 70°C (158°F) Operating -40°C (-40°F) to 70°C (158°F). Minimum bend radius: 20 X OD - Installation 10 X OD - In-service. Maximum crush resistance is 150 lbs/in (263 N/cm). Maximum Vertical Rise is 1,640 ft (500m). Compliances are UL Listed Type OFN/LS and IEEE-383. Maximum Tensile Load - Installation - lbs (N) is 600 (2670). Maximum Tensile Load - In-Service - lbs (N) is 135 (600). XX denotes fiber type: CT (Super/FDDI), CG (G300), BG (Super/50), AP (Super), BE (Gbit/50).



Part #	Fiber Count	No. of Loose Tubes	Nom. Cab. Dia. in (mm)	Nom. Cab. Wgt. lbs/1000' (kg/km)
(XX)0023M1Z	2	2	.36 (9)	59 (89)
(XX)0044M1Z	4	1	.36 (9)	59 (89)
(XX)0064M1Z	6	1	.36 (9)	59 (89)
(XX)0084M1Z	8	2	.36 (9)	59 (89)
(XX)0124M1Z	12	2	.36 (9)	60 (89)
(XX)0184M1Z	18	3	.36 (9)	60 (89)
(XX)0244M1Z	24	4	.36 (9)	61 (90)
(XX)0364M1Z	36	6	.38 (10)	66 (98)
(XX)0484M1Z	48	4	.41 (10)	74 (110)
(XX)0604M1Z	60	5	.41 (10)	74 (110)
(XX)0964M1Z	96	8	.51 (13)	100 (148)
(XX)1204M1Z	120	10	.57 (15)	127 (189)
(XX)1444M1Z	144	12	.63 (16)	151 (225)

Installing a Fiber Optic Network?

One of the most important steps is testing the newly installed fiber optic cables to ensure they are functioning properly. Tests should be done for 3 main areas: Continuity, Loss and Power. We can help you determine which tools and testing equipment you'll need and exactly how to use them. **Ask us for more details!**





1.6mm Simplex/Duplex Cable

Fiber is 1 or 2 fibers and 900µm tight buffer. Overall strength member is aramid fiber yarn. Jacket is 1.6mm Unit Diameters. Flame-retardant polyvinyl chloride (PVC). Sequential meter markings. Orange Jacket is multimode fibers. Yellow Jacket is single-mode fibers. Temperature: Storage -40°C (-40°F) to 70°C (158°F) Operating -20°C (-4°F) to 70°C (158°F). Minimum bend radius: 20 X OD - Installation 10 X OD - In-service. Maximum crush resistance is 150 lbs/in (263 N/cm). Compliances are ETL Listed Type OFNR and CSA FT-4. XX denotes fiber type: CG (G300), BG (Super/50), AP (Super), BE (Gbit/50).



Part #	Fiber Count	Nom. Cab. Dia. - in (mm)	Nom. Cab. Wgt. - lbs/1000' (kg/km)	Max.Ten. Load Installation - lbs (N)
(XX)0011SNR1.6	1	0.063 (1.6)	1.7 (2.5)	25 (111)
(XX)0021ZNR1.6	2	0.063 x 0.136 (1.6 x 3.45)	3.5 (5.2)	50 (222)

Indoor/Outdoor Single Jacket Riser Cable

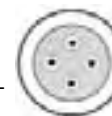
Fiber is 2 - 12 fibers, loose tube gel-filled and color coding per TIA/EIA 598A. Overall strength member is aramid fiber yarn or fiberglass. Jacket is black UV, moisture-resistant and flame-retardant materials. Sequential meter markings. Temperature: Storage -40°C (-40°F) to 70°C (158°F) Operating -20°C (-4°F) to 70°C (158°F). Minimum bend radius: 20 X OD - Installation 10 X OD - In-service. Maximum crush resistance is 150 lbs/in (263 N/cm). Maximum vertical rise is 1,200 ft (366m). Compliances are ETL and c(ETL) Listed Type OFNR and CSA FT-4. Number of loose tubes is one. Nominal Cable Diameter - in (mm) is .340 (8.6). Nominal Cable Weight - lbs/1000' (kg/km) is 53.0 (78.8). Maximum Tensile Load Installation - lbs (N) is 300 (1334). Maximum Tensile Load In-Service - lbs (N) is 100 (445). XX denotes fiber type: CT (Super/FDDI), CG (G300), BG (Super/50), AP (Super), BE (Gbit/50).



Part #	Fiber Count	Nom. Dia. in (mm)	Nom. Wght lbs/1000' (kg/km)	Max. Tensile Load Insl lbs (N)
(XX)0024UNM-DT	2	0.27 (6.9)	35 (52)	300 (1334)
(XX)0044UNM-DT	4	0.27 (6.9)	35 (52)	300 (1334)
(XX)0064UNM-DT	6	0.27 (6.9)	35 (52)	300 (1334)
(XX)0084UNM-DT	8	0.27 (6.9)	35 (52)	300 (1334)
(XX)0124UNM-DT	12	0.27 (6.9)	35 (52)	300 (1334)

Premise Low-Smoke, Zero-Halogen (LSZH) Cable

Fiber is 2 - 72 fibers, 900µm tight buffer and color coding per TIA/EIA 598A. Central strength member is epoxy/glass rod (above 12 fibers). Overall strength member is aramid fiber yarn. Jacket is flame-retardant polymer. Sequential meter markings. Orange jacket - multimode fibers. Yellow jacket - singlemode fibers. Lightweight, flexible design simplifies installation. Temperature: Storage -40°C (-40°F) to 70°C (158°F) Operating -20°C (-4°F) to 70°C (158°F). Minimum bend radius: 20 X OD - Installation, 10 X OD - In-service. Maximum crush resistance is 850 lbs/in (1485 N/cm). Maximum vertical rise is 1,640 ft (500m). Compliances are UL and c(UL) Listed Type OFNR, CSA FT-4, ANSI/TIA/EIA 568A, ICEA S-83-596 and ETL verified. XX denotes fiber type: CT (Super/FDDI), CG (G300), BG (Super/50), AP (Super), BE (Gbit/50).



Part #	Fiber Count	# of Sub-Units	Nom. Cable Dia. - in. (mm)	Nom. Cab. Wgt. - lbs/1000' (kg/km)	Max. Ten. Load - Insta. - lbs (N)	Max. Ten. Load - In-Serv. lbs (N)
(XX)0021PNZ	2	-	.17 (4)	11 (16)	225 (1000)	65 (290)
(XX)0041PNZ	4	-	.18 (5)	13 (19)	225 (1000)	65 (290)
(XX)0061PNZ	6	-	.20 (5)	15 (22)	225 (1000)	65 (290)
(XX)0121PNZ	12	-	.23 (6)	21 (31)	320 (1425)	112 (500)
(XX)0181P1Z	18	3	.47 (12)	84 (125)	600 (2670)	200 (890)
(XX)0241P1Z	24	4	.53 (13)	92 (137)	800 (3560)	270 (1201)
(XX)0361P1Z	36	6	.64 (16)	142 (211)	1000 (4448)	335 (1490)
(XX)0481P1Z	48	4	.61 (15)	122 (182)	1000 (4448)	335 (1490)
(XX)0601P1Z	60	5	.67 (17)	156 (232)	1200 (5338)	400 (1780)
(XX)0721P1Z	72	6	.74 (19)	192 (286)	1500 (6672)	500 (2224)

Premise Interlock Armor Plenum Cable

4-96 fibers, 900µm tight buffer and color coding per TIA/EIA 598A. Overall strength member is aramid fiber yarn. Inner Jacket is flame-retardant material. Armor is interlock galvanized steel. Outer Jacket is flame-retardant fluropolymer. Sequential meter markings. Orange jacket - multimode fibers. Yellow jacket - singlemode fibers. Temperature: Storage -40°C (-40°F) to 70°C (158°F) Operating 0°C (32°F) to 70°C (158°F). Minimum bend radius: 20 X OD - Installation, 10 X OD - In-service. Maximum crush resistance is 500 lbs/in (875 N/cm). Compliances are ETL Listed Type OFCP. XX denotes fiber type: CT (Super/FDDI), CG (G300), BG (Super/50), AP (Super), BE (Gbit/50).

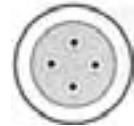


Part #	Fiber Count	# of Sub-Units	Nom. Cable Dia. - in. (mm)	Nom. Cab. Wgt. - lbs/1000' (kg/km)	Max. Ten. Load - Insta. - lbs (N)	Max. Ten. Load - In-Serv. lbs (N)
(XX)0041PNU-ILP	4	1	.48 (12)	217 (333)	550 (2447)	165 (734)
(XX)0061PNU-ILP	6	1	.585 (14.9)	255 (379)	550 (2447)	165 (734)
(XX)0121PNU-ILP	12	1	.585 (14.9)	255 (379)	550 (2447)	165 (734)
(XX)0241PNU-ILP	24	4	.735 (18.7)	342 (509)	1000 (4448)	300 (1334)
(XX)0361PNU-ILP	36	6	.750 (19.1)	359 (534)	1000 (4448)	300 (1334)
(XX)0481PNU-ILP	48	4	1.00 (20.3)	398 (592)	1000 (4448)	300 (1334)
(XX)0601P1D-ILP	60	5	1.02 (26)	644 (958)	1000 (4448)	300 (1334)
(XX)0721P1D-ILP	72	6	1.08 (27)	708 (1054)	1000 (4448)	300 (1334)
(XX)0961P1D-ILP	96	8	1.21 (31)	861 (1281)	1000 (4448)	335 (1490)



Indoor/Outdoor Riser Distribution Cable

Fiber is 2 - 144 fibers, 900µm tight buffer and color coding per TIA/EIA 598A. Central strength member is epoxy/glass rod (above 12 fibers). Overall strength member is aramid fiber yarn. Jacket is flame-retardant polyvinyl chloride (PVC). Sequential meter markings. Orange Jacket - multimode fibers. Yellow Jacket - Singlemode fibers. Dry water block cable core for fiber protection. Temperature: Storage -40°C (-40°F) to 70°C (158°F) Operating -40°C (-40°F) to 70°C (158°F). Minimum bend radius: 20 X OD - Installation 10 X OD - In-service. Maximum crush resistance is 850 lbs/in (1485 N/cm). Maximum vertical rise is 1,640 (500m). Compliances are UL and c(UL) Listed Type OFNR and CSA FT-4 and ICEA S-104-696. XX = Fiber Type: CG (G300), BG (Super/50), AP (Super), BE (Gbit/50).



Part #	Fiber Count	# of Sub-Units	Nom. Cable Dia. - in. (mm)	Nom. Cab. Wgt. - lbs/1000' (kg/km)	Max. Ten. Load - Insta. - lbs (N)	Max. Ten. Load - In-Serv. lbs (N)
(XX)0021ANR	2	-	.188 (4.8)	13.7 (20.4)	300 (1334)	90 (400)
(XX)0041ANR	4	-	.201 (5.1)	15.9 (23.7)	320 (1423)	96 (427)
(XX)0061ANR	6	-	.215 (5.5)	18.1 (26.9)	320 (1423)	96 (427)
(XX)0081ANR	8	-	.223 (5.7)	19.8 (29.5)	320 (1423)	96 (427)
(XX)0101ANR	10	-	.240 (6.1)	22.7 (33.8)	400 (1780)	120 (534)
(XX)0121ANR	12	-	.25 (6)	24 (36)	400 (1780)	200 (534)
(XX)0181A1R	18	3	.47 (12)	79 (118)	750 (3336)	250 (1112)
(XX)0241A1R	24	4	.53 (13)	86 (128)	1000 (4448)	300 (1334)
(XX)0361A1R	36	6	.66 (17)	147 (219)	1300 (5783)	390 (1735)
(XX)0481A1R	48	4	.64 (16)	137 (204)	1300 (5783)	390 (1735)
(XX)0601A1R	60	5	.70 (18)	168 (250)	1500 (6672)	450 (2002)
(XX)0721A1R	72	6	.77 (20)	207 (308)	1900 (8452)	570 (2535)
(XX)0961A1R	96	8	.91 (23)	289 (430)	2000 (8896)	670 (2980)
(XX)1201A1R	120	10	1.02 (26)	313 (466)	3000 (13345)	1000 (4448)
(XX)1441A1R	144	12	1.02 (26)	314 (467)	3000 (13345)	1000 (4448)

Premise Riser Distribution Cable

Fiber is 2 - 96 fibers, 900µm tight buffer and color coding per TIA/EIA 598A. Central strength member is epoxy/glass rod (above 12 fibers). Overall strength member is aramid fiber yarn. Jacket is flame-retardant polyvinyl chloride (PVC). Sequential meter markings. Orange jacket - multimode fibers. Yellow jacket - singlemode fibers. Sub-units are numbered for identification. Lightweight, flexible design simplifies installation. Temperature: Storage -40°C (-40°F) to 70°C (158°F) Operating -20°C (-4°F) to 70°C (158°F). Minimum bend radius: 20 X OD - Installation, 10 X OD - In-service. Maximum crush resistance is 850 lbs/in (1485 N/cm). Maximum vertical rise is 1,640 ft (500m). Compliances are UL and c(UL) Listed Type OFNR, CSA FT-4, ANSI/TIA/EIA 568A, ICEA S-83-596 and ETL verified. XX denotes fiber type: CT (Super/FDDI), CG (G300), BG (Super/50), AP (Super), BE (Gbit/50).



Part #	Fiber Count	# of Sub-Units	Nom. Cable Dia. - in. (mm)	Nom. Cab. Wgt. - lbs/1000' (kg/km)	Max. Ten. Load - Insta. - lbs (N)	Max. Ten. Load - In-Serv. lbs (N)
(XX)0021PNR	2	-	.19 (5)	14 (20)	225 (1000)	65 (290)
(XX)0041PNR	4	-	.20 (5)	16 (23)	225 (1000)	65 (290)
(XX)0061PNR	6	-	.22 (6)	18 (27)	225 (1000)	65 (290)
(XX)0081PNR	8	-	.22 (6)	20 (30)	245 (1090)	70 (310)
(XX)0101PNR	10	-	.24 (6)	23 (34)	320 (1425)	112 (500)
(XX)0121PNR	12	-	.25 (6)	24 (36)	320 (1425)	112 (500)
(XX)0181P1R	18	3	.46 (12)	76 (113)	600 (2670)	200 (890)
(XX)0241P1R	24	4	.52 (13)	84 (125)	800 (3560)	270 (1201)
(XX)0241PNR	24	-	.34 (9)	47 (70)	320 (1425)	112 (500)
(XX)0361P1R	36	6	.65 (17)	152 (226)	1000 (4448)	335 (1490)
(XX)0481P1R	48	4	.63 (16)	133 (197)	1000 (4448)	335 (1490)
(XX)0601P1R	60	5	.69 (17)	155 (231)	1200 (5338)	400 (1780)
(XX)0721P1R	72	6	.76 (19)	202 (301)	1500 (6672)	500 (2224)
(XX)0961P1R	96	8	.89 (23)	289 (430)	2000 (8896)	670 (2980)

Tight Buffer Distribution Plenum Cable

Fiber is 2 - 96 fibers, 900µm tight buffer and color coding per TIA/EIA 598B. Central strength member is epoxy/glass rod (above 12 fibers). Overall strength member is aramid fiber yarn. Jacket is flame-retardant polyvinyl chloride (PVC) or fluoropolymer. Sequential meter markings. Orange jacket - multimode fibers (except 10 Gb/s). Yellow jacket - singlemode fibers. Aqua jacket - 10 Gb/s multimode fibers. Temperature: Storage -40°C (-40°F) to 70°C (158°F) Operating 0°C (32°F) to 70°C (158°F). Minimum bend radius: 20 X OD - Installation, 10 X OD - In-service. Maximum crush resistance is 850 lbs/in (1485 N/cm). Maximum vertical rise is 1,640 ft (500m). Compliances are UL and c(UL) Listed Type OFNP, CSA FT-6, ANSI/TIA/EIA 568A, ICEA S-83-596 and ETL verified. XX denotes fiber type: CT (Super/FDDI), CG (G300), BG (Super/50), AP (Super), BE (Gbit/50).



Part #	Fiber Count	# of Sub-Units	Nom. Cable Dia. - in. (mm)	Nom. Cab. Wgt. - lbs/1000' (kg/km)	Max. Ten. Load - Insta. - lbs (N)	Max. Ten. Load - In-Serv. lbs (N)
(XX)0021PNU	2	-	.17 (4)	12 (17)	225 (1000)	65 (290)
(XX)0041PNU	4	-	.18 (5)	14 (20)	225 (1000)	65 (290)
(XX)0061PNU	6	-	.20 (5)	16 (24)	225 (1000)	65 (290)
(XX)0081PNU	8	-	.21 (5)	18 (27)	245 (1090)	70 (311)



Tight Buffer Distribution Plenum Cable
(cont.)

Part #	Fiber Count	# of Sub-Units	Nom. Cable Dia. - in. (mm)	Nom. Cab. Wgt. - lbs/1000' (kg/km)	Max. Ten. Load - Insta. - lbs (N)	Max. Ten. Load - In-Serv. lbs (N)
(XX)0121PNU	12	-	.23 (6)	23 (34)	320 (1423)	112 (500)
((XX)0181P1U	18	-	.31 (8)	42 (63)	320 (1423)	112 (500)
(XX)0241P1U	24	-	.32 (8)	45 (67)	320 (1423)	112 (500)
(XX)0361P1D	36	6	.61 (16)	151 (225)	1000 (4448)	335 (1490)
(XX)0481P1D	48	4	.58 (15)	135 (200)	1000 (4448)	335 (1490)
(XX)0601P1D	60	5	.67 (17)	186 (277)	1000 (4448)	335 (1490)
(XX)0721P1D	72	6	.73 (19)	217 (323)	1000 (4448)	335 (1490)
(XX)0961P1D	96	8	.86 (22)	312 (464)	1500 (6672)	500 (2224)

Breakout Riser Cable

Fiber is 2 - 24 fibers, 900µm tight buffer, color coding per TIA/EIA 598A and 2.4mm jacketed sub-units. Central strength member is aramid yarn. Overall strength member is aramid fiber yarn. Jacket is flame-retardant polyvinyl chloride (PVC). Sequential meter markings. Orange jacket - multimode fibers. Yellow jacket - singlemode fibers. Rugged individual fiber protection. Easily terminated with fiber sub-units. Heavy duty premises applications. Temperature: Storage -40°C (-40°F) to 70°C (158°F) Operating -20°C (-4°F) to 70°C (158°F). Minimum bend radius: 20 X OD - Installation, 10 X OD - In-service. Maximum crush resistance is 1000 lbs/in (1750 N/cm). Maximum vertical rise is 1,640 ft (500m). Compliances are UL and c(UL) Listed Type OFNR, CSA FT-4, ANSI/TIA/EIA 568A, ICEA S-83-596 and ETL verified. XX denotes fiber type: CT (Super/FDDI), CG (G300), BG (Super/50), AP (Super), BE (Gbit/50).



Part #	Fiber Count	# of Sub-Units	Nom. Cable Dia. - in. (mm)	Nom. Cab. Wgt. - lbs/1000' (kg/km)	Max. Ten. Load In-Service - lbs (N)	Max. Ten. Load - In-Serv. lbs (N)
(XX)0041B3R	4	4	.31 (98)	37 (54)	450 (2000)	180 (800)
(XX)0061B3R	6	6	.37 (9)	51 (76)	450 (2000)	180 (800)
(XX)0081B3R	8	8	.43 (11)	71 (106)	600 (2670)	200 (890)
(XX)0121B3R	12	12	.47 (12)	79 (117)	790 (3515)	270 (1200)
(XX)0181B3R	18	18	.56 (14)	111 (165)	1000 (4450)	400 (1780)
(XX)0241B3R	24	24	.65 (16)	153 (228)	1230 (5470)	450 (2000)

Breakout Plenum Cable

Fiber is 2 - 48 fibers, 900µm tight buffer, color coding per TIA/EIA 598A and 2.4mm jacketed sub-units. Central strength member is epoxy/glass rod. Overall strength member is aramid fiber yarn. Jacket is flame-retardant fluoropolymer. Sequential meter markings. Orange jacket - multimode fibers. Yellow jacket - singlemode fibers. Rugged individual fiber protection. Easily terminated with fiber sub-units. Heavy duty premises applications. Temperature: Storage -40°C (-40°F) to 70°C (158°F) Operating 0°C (32°F) to 70°C (158°F). Minimum bend radius: 20 X OD - Installation, 10 X OD - In-service. Maximum crush resistance is 850 lbs/in (1485 N/cm). Maximum vertical rise is 1,640 ft (500m). Compliances are UL and c(UL) Listed Type OFNR, CSA FT-4, ANSI/TIA/EIA 568A, ICEA S-83-596 and ETL verified. XX = Fiber Type: CT (Super/FDDI), CG (G300), BG (Super/50), AP (Super), BE (Gbit/50).



Part #	Fiber Count	# of Sub-Units	Nominal Cable Dia. - in. (mm)	Nom. Cab. Wgt. - lbs/1000' (kg/km)	Max. Ten. Load - Insta. - lbs (N)	Max. Ten. Load - In-Serv. lbs (N)
(XX)0021B1D	2	2	.238 (6.0)	26.8 (39.9)	270 (1200)	110 (490)
(XX)0041B1D	4	4	.276 (7.0)	33.0 (49.1)	450 (2000)	180 (800)
(XX)0061B1D	6	6	.337 (8.6)	50.0 (74.4)	450 (2000)	180 (800)
(XX)0081B1D	8	8	.398 (10.1)	72.0 (107.1)	600 (2670)	200 (890)
(XX)0121B1D	12	12	.443 (11.2)	76.0 (113.1)	790 (3515)	270 (1200)
(XX)0181B1D	18	18	.540 (13.7)	121.9 (181.4)	1000 (4450)	400 (1780)
(XX)0241B1D	24	24	.630 (16.0)	170.6 (253.9)	1230 (5470)	450 (2000)
(XX)0361B1D	36	36	.729 (18.5)	208.6 (310.5)	2000 (8896)	600 (2669)
(XX)0481B1D	48	48	.835 (21.2)	260.5 (387.7)	2600 (11565)	780 (3470)

3.0mm Simplex/Duplex Cable

Fiber is 1 or 2 fibers and 900µm tight buffer. Overall strength member is aramid fiber yarn. Jacket is 3.0mm Unit Diameters. Flame-retardant polyvinyl chloride (PVC). Sequential meter markings. Orange Jacket is multimode fibers. Yellow Jacket is singlemode fibers. Industry standard design. Temperature: Storage -40°C (-40°F) to 70°C (158°F) Operating -20°C (-4°F) to 70°C (158°F). Minimum bend radius: 20 X OD - Installation 10 X OD - In-service. Maximum crush resistance is 150 lbs/in (263 N/cm). Compliances are UL and c(UL) Listed Type OFNR/OFNP, CSA FT-4 and CSA FT-6. XX denotes fiber type: CT (Super/FDDI), CG (G300), BG (Super/50), AP (Super), BE (Gbit/50).



Plenum

XX denotes fiber type: CG (G300), BG (Super/50), AP (Super).

Part #	Fiber Count	Nom. Cab. Dia. - in (mm)	Nom. Cab. Wgt. - lbs/1000' (kg/km)	Max. Ten. Load Installation - lbs (N)	Max. Ten. Load In-Service - lbs (N)
(XX)0011SNU3.0	1	0.118 (3.0)	6.5 (9.7)	110 (490)	65 (290)
(XX)0021ZNU3.0	2	0.114 x 0.247 (2.9 x 6.0)	12.1 (18.0)	220 (980)	160 (580)



3.0mm Simplex/Duplex Cable (cont.)

Riser

Part #	Fiber Count	Nom. Cab. Dia. - in (mm)	Nom. Cab. Wgt. - lbs/1000' (kg/km)	Max.Ten. Load Installation - lbs (N)	Max.Ten. Load In-Service - lbs (N)
(XX)0011SNR3.0	1	0.118 (3.0)	5.5 (8.2)	110 (490)	65 (290)
(XX)0021ZNR3.0	2	0.114 x 0.247 (2.9 x 6.0)	10.5 (15.6)	220 (980)	160 (580)



Interconnect Cable - Simplex and Duplex- Tight Buffer

Designed for low fiber-count premises environments. Small and flexible, making them ideal for confined spaces. Their aesthetic appearance makes these cables suitable for use in open office environments. Available in 1 or 2 fibers. One sub-unit is marked to permit easy identification of transmit and receive fibers. Jacket material is PVC. Tight buffer is PVC. Strength member is Aramid Yarn.

62.5/125µm Std./1Gbe	50/125µm Std./1 Gbe	50/125µm 10 Gbe - 300M	Singlemode Enhanced	Type	No. Fibers	Outside Dia in (mm)	Wght lbs (kg)	Max. Install Load lbs (N)
M97112	M9A001	M9C001	M9W001	Riser	1	0.114 (2.9)	6 (9)	90 (400)
M96915	M9A002	M9C002	M9W002	Riser	2	.11 x .23 (2.9 x 5.9)	12 (18)	180 (801)
M98086	M9A003	M9C003	M9W003	Plenum	1	0.114 (2.9)	6 (9)	90 (400)
M96919	M9A004	M9C004	M9W004	Plenum	2	.11 x .23 (2.9 x 5.9)	13 (19)	180 (801)

Single Jacket, All Dielectric Cable - Loose Tube - Outdoor and Indoor/Outdoor Riser Rated

Gel-filled buffer tube prevents water migration. All-dielectric strength member. Available as Riser rated cable, thereby eliminating the need for service entrance splicing to in-building cable. Full dielectric construction, no grounding required. Strength member is Aramid Yarn.

Outdoor

62.5/125µm Std./1Gbe	50/125µm Std./1 Gbe	50/125µm 10 Gbe - 300M	Singlemode Enhanced	No. Fibers	Fiber per Tube	Outside Dia in (mm)	Wght lbs (kg)	Max. Install Load lbs (N)
M9B510T	M9A510T	M9C510T	M9W510T	6	6	.38 (9.65)	44 (65)	600 (2700)
M9B511T	M9A511T	M9C511T	M9W511T	12	6	.38 (9.65)	44 (65)	600 (2700)
M9B500T	M9A500T	M9C500T	M9W500T	24	6	.38 (9.65)	45 (67)	600 (2700)
M9B502T	M9A502T	M9C502T	M9W502T	36	6	.38 (9.65)	47 (70)	600 (2700)
M9B505T	M9A505T	M9C505T	M9W505T	48	12	.48 (12.19)	70 (104)	600 (2700)
M9B507T	M9A507T	M9C507T	M9W507T	72	12	.48 (12.19)	70 (104)	600 (2700)
M9B513T	M9A513T	M9C513T	M9W513T	96	12	.55 (13.89)	93 (138)	600 (2700)
M9B509T	M9A509T	M9C509T	M9W509T	144	12	.70 (17.78)	149 (222)	600 (2700)
M9B520T	M9A520T	M9C520T	M9W520T	216	12	.72 (18.16)	148 (220)	600 (2700)

Riser - NEC/CEC OFNR/OFN FT4

62.5/125µm Std./1Gbe	50/125µm Std./1 Gbe	50/125µm 10 Gbe - 300M	Singlemode Enhanced	No. Fibers	Fiber Per Tube	Outside Dia in (mm)	Wght lbs (kg)	Max. Install Load lbs (N)
M9B810	M9A810	M9C810	M9W810	6	6	.38 (9.65)	63 (94)	600 (2700)
M9B811	M9A811	M9C811	M9W811	12	6	.38 (9.65)	62 (92)	600 (2700)
M9B812	M9A812	M9C812	M9W812	24	6	.38 (9.65)	61 (91)	600 (2700)
M9B813	M9A813	M9C813	M9W813	36	6	.38 (9.65)	60 (89)	600 (2700)
M9B814	M9A814	M9C814	M9W814	48	12	.48 (12.20)	89 (132)	600 (2700)
M9B815	M9A815	M9C815	M9W815	72	12	.48 (12.20)	87 (129)	600 (2700)
M9B816	M9A816	M9C816	M9W816	96	12	.55 (13.89)	114 (170)	600 (2700)
M9B817	M9A817	M9C817	M9W817	144	12	.70 (17.78)	187 (278)	600 (2700)



Single Jacket, All Dielectric Cable - Loose Tube - Indoor/Outdoor Plenum Rated

Dry waterblocking technology used within tubes and under jacket. Available as Plenum rated cable, thereby eliminating the need for service entrance splicing to in-building cable. Small diameter and bend radius facilitate installation in tight spaces. Full dielectric construction, no grounding required. Fibers grouped into sets of 12 for maximum density. Strength member is E-Glass and Aramid Yarn.

62.5/125µm Std./1Gbe	50/125µm Std./1 Gbe	50/125µm 10 Gbe - 300M	Singlemode Enhanced	No. Fibers	Fibers per Tube	Outside Dia in (mm)	Wght lbs (kg)	Max. Install Load lbs (N)
M9B202	M9C202	m9c202	M9W202	6	6	.265 (6.70)	33 (49)	320 (1423)
M9B204	M9A204	M9C204	M9W204	12	12	.265 (6.70)	33 (49)	320 (1423)
M9B205	M9A205	M9C205	M9W205	24	12	.359 (9.12)	47 (70)	405 (1801)
M9B206	M9A206	M9C206	M9W206	36	12	.359 (9.12)	47 (70)	405 (1801)
M9B207	M9A207	M9C207	M9W207	48	12	.359 (9.12)	48 (71)	405 (1801)
M9B209	M9A209	M9C209	M9W209	72	12	.429 (10.90)	71 (106)	585 (2602)
M9B211	M9A211	M9C211	M9W211	96	12	.501 (12.73)	105 (156)	903 (4017)
M9B215	M9A215	M9C215	M9W215	144	12	.665 (16.89)	189 (281)	1263 (5618)

Fiber Optics - Industrial Heavy Duty Interlocking Armor Cable, Riser and Plenum Rated

For Industrial Environments, Rugged Installation, and Manufacturing Plants. Operating Temperature is -40° to 80°C (Storage), -20° to 70°C (Operating). Tight Buffer is Thermoplastic, Strength Member is Aramid Yarn, Inner Jacket is Riser: PVC and Plenum: Thermoplastic, Armor is Interlocking Aluminum, and Outer Jacket is Riser: UV Resistant PVC and Plenum: Thermoplastic. Available in Bulk, Cut to Length (Minimums May Apply). Higher fiber counts available.

Riser Rated

Part #	50/125mm Std./1 Gbe Part Number	50/125mm 10 Gbe - 300M Part Number	Single-Mode Enhanced Part Number	Fiber Count	Outside Diameter Inches
M9B230	M9A230	M9C230	M9W230	6	0.570
M9B231	M9A231	M9C231	M9W231	12	0.620
M9B232	M9A232	M9C232	M9W232	24	0.670 (17.00)
M9B233	M9A233	M9C233	M9W233	24	0.845 (21.46)
M9B234	M9A234	M9C234	M9W234	36	0.970 (24.64)
M9B235	M9A235	M9C235	M9W235	48	0.970 (24.64)
M9B236	M9A236	M9C236	M9W236	72	1.095 (27.82)
M9B237	M9A237	M9C237	M9W237	96	1.245 (31.62)
M9B238	M9A238	M9C238	M9W238	144	1.320 (33.55)

Fiber Optics - Industrial Heavy Duty Interlocking Armor Cable, Riser and Plenum Rated (cont.)

Plenum Rated

Part #	50/125mm Std./1 Gbe Part Number	50/125mm 10 Gbe - 300M Part Number	Single-Mode Enhanced Part Number	Fiber Count	Outside Diameter Inches
M9B240	M9A240	M9C240	M9W240	6	0.471
M9B241	M9A241	M9C241	M9W241	12	0.506
M9B242	M9A242	M9C242	M9W242	24	0.631 (16.00)
M9B243	M9A243	M9C243	M9W243	24	0.781 (19.84)
M9B244	M9A244	M9C244	M9W244	36	0.881 (22.38)
M9B245	M9A245	M9C245	M9W245	48	0.906 (23.01)
M9B246	M9A246	M9C246	M9W246	72	1.056 (26.82)
M9B247	M9A247	M9C247	M9W247	96	1.256 (31.90)
M9B248	M9A248	M9C248	M9W248	144	1.331 (33.81)

Breakout Style Cable - Tight Buffer

Full dielectric construction, no grounding required. Available with 2 to 36 fibers. Fiber sub-units are color coded for easy identification. Strength member is Aramid Yarn.

Riser - NEC/CEC OFNR/OFN FT4

62.5/125µm Std./1Gbe	50/125µm Std./1 Gbe	50/125µm 10 Gbe - 300M	Singlemode Enhanced	No. Fibers	Outside Dia in (mm)	Wght lbs (kg)	Max. Install Load lbs (N)
M9B005	M9A005	M9C005	M9W005	2	.260 (6.60)	24 (36)	180 (801)
M9B006	M9A006	M9C006	M9W006	4	.321 (8.15)	35 (52)	345 (1535)
M9B007	M9A007	M9C007	M9W007	6	.358 (9.09)	54 (80)	543 (2415)
M9B008	M9A008	M9C008	M9W008	8	.405 (10.29)	69 (103)	600 (2700)
M9B009	M9A009	M9C009	M9W009	10	.455 (11.56)	86 (128)	600 (2700)
M9B010	M9A010	M9C010	M9W010	12	.514 (13.06)	110 (164)	600 (2700)
M9B011	M9A011	M9C011	M9W011	18	.520 (13.21)	104 (155)	600 (2700)
M9B012	M9A012	M9C012	M9W012	24	.590 (14.99)	135 (201)	600 (2700)
M9B083	M9A083	M9C083	M9W083	36	.680 (17.27)	168 (250)	600 (2700)



Breakout Style Cable - Tight Buffer (cont.)

Plenum - NEC/CEC OFNP/OFN FT6

62.5/125µm Std./1Gbe	50/125µm Std./1 Gbe	50/125µm 10 Gbe - 300M	Singlemode Enhanced	No. Fibers	Outside Dia in (mm)	Wght lbs (kg)	Max. Install Load lbs (N)
M9B013	M9A013	M9C013	M9W013	2	.230 (5.84)	20 (30)	180 (801)
M9B014	M9A014	M9C014	M9W014	4	.263 (6.68)	30 (45)	345 (1535)
M9B015	M9A015	M9C015	M9W015	6	.309 (7.85)	41 (61)	465 (2068)
M9B016	M9A016	M9C016	M9W016	8	.336 (8.53)	55 (82)	600 (2700)
M9B017	M9A017	M9C017	M9W017	10	.385 (9.78)	73 (109)	600 (2700)
M9B018	M9A018	M9C018	M9W018	12	.391 (9.93)	65 (97)	600 (2700)
M9B019	M9A019	M9C019	M9W019	18	.456 (11.58)	89 (132)	600 (2700)
M9B020	M9A020	M9C020	M9W020	24	.544 (13.82)	117 (174)	600 (2700)
M9B082	M9A082	M9C082	M9W082	36	.612 (15.54)	154 (229)	600 (2700)

Distribution Cable - Tight Buffer

Flexible thermoplastic jacket provides excellent handling characteristics. Fibers and cable sub-units are color coded for easy identification. Full dielectric construction, no grounding required. For Riser offering, MSHA approved cables are available. Strength members is Aramid Yarn. *Single jacket design.

Riser - NEC/CEC OFNR/OFN FT4

62.5/125µm Std./1Gbe	50/125µm Std./1 Gbe	50/125µm 10 Gbe - 300M	Singlemode Enhanced	No. Fibers	Outside Dia in (mm)	Wght lbs (kg)	Max. Install Load lbs (N)
M9B037	M9A037	M9C037	M9W037	2	.184 (4.67)	13 (19)	180 (801)
M9B038	M9A038	M9C038	M9W038	4	.200 (5.08)	16 (24)	195 (867)
M9B039	M9A039	M9C039	M9W039	6	.220 (5.59)	19 (28)	270 (1201)
M9B040	M9A040	M9C040	M9W040	8	.235 (5.97)	22 (33)	270 (1201)
M9B042	M9A042	M9C042	M9W042	12	.255 (6.48)	27 (40)	300 (1334)
M9B601	M9A601*	M9C601*	M9W601*	24	.325 (8.26)	42 (63)	390 (1735)
M9B602	M9A602	M9C602	M9W602	24	.496 (12.60)	83 (124)	960 (4270)
M9B604	M9A604	M9C604	M9W604	36	.644 (16.36)	137 (204)	1440 (6405)
M9B606	M9A606	M9C606	M9W606	48	.627 (15.93)	131 (195)	945 (4203)
M9B609	M9A609	M9C609	M9W609	72	.750 (19.10)	195 (290)	1350 (6005)
M9B622	M9A622	M9C622	M9W622	96	.895 (22.70)	290 (432)	1983 (8820)
M9B619	M9A619	M9C619	M9W619	144	.964 (24.49)	314 (467)	2745 (12210)

Plenum - NEC/CEC OFNP/OFN FT6

62.5/125µm Std./1Gbe	50/125µm Std./1 Gbe	50/125µm 10 Gbe - 300M	Singlemode Enhanced	No. Fibers	Outside Dia in (mm)	Wght lbs (kg)	Max. Install Load lbs (N)
M9B043	M9A043	M9C043	M9W043	2	.184 (4.67)	14 (21)	180 (801)
M9B044	M9A044	M9C044	M9W044	4	.174 (4.42)	13 (19)	195 (867)
M9B045	M9A045	M9C045	M9W045	6	.190 (4.83)	16 (24)	270 (1201)
M9B046	M9A046	M9C046	M9W046	8	.222 (5.64)	19 (28)	270 (1201)
M9B048	M9A048	M9C048	M9W048	12	.225 (5.72)	22 (33)	300 (1334)
M9B611	M9A611*	M9C611*	M9W611*	24	.330 (8.38)	40 (60)	390 (1735)
M9B612	M9A612	M9C612	M9W612	24	.493 (12.52)	89 (132)	1263 (5618)
M9B614	M9A614	M9C614	M9W614	36	.594 (15.09)	134 (199)	1913 (8509)
M9B616	M9A616	M9C616	M9W616	48	.599 (15.21)	131 (195)	1245 (5538)
M9B620	M9A620	M9C620	M9W620	72	.754 (19.15)	197 (293)	2093 (9310)
M9B623	M9A623	M9C623	M9W623	96	.904 (22.96)	268 (399)	2160 (9608)
M9B621	M9A621	M9C621	M9W621	144	1.047 (26.59)	365 (543)	3645 (16213)

Composite Plenum Cables

62.5/125µm Std./1Gbe	Description
M97174	6xSM/6x62.5
M97041	6xSM/12x62.5
M97219	12xSM/12x62.5
M97412	6xSM/6x50
M97411	6xSM/12x50
M96780	12xSM/12x50

Composite Riser Cables

62.5/125µm Std./1Gbe	Description
M96992	6xSM/12x62.5
M96963	12xSM/12x62.5
M96909	6xSM/12x50
M96908	12xSM/12x50



TrayOptic® Heavy-Duty, All Dielectric Cable

Designed for indoor/outdoor industrial applications. All cables include a water-blocking agent. IEEE 383 flame approval. Utilizes the Laser Certified Fiber to handle Gigabit Ethernet light sources and expanded bandwidth requirements. Available with 50 micron or single-mode fiber upon request. Also available in fiber counts up to 144.



Part #	Jacket Material	No. of Fibers	Outer Dia. In(mm)	Wgt. (Lbs./1000')	Wgt. (kg/km)
I100255	PVC	2	.610 (15.5)	155	230
I100266	CPE	2	.610 (15.5)	155	230
I100455	PVC	4	.610 (15.5)	155	230
I100466	CPE	4	.610 (15.5)	155	230
I100655	PVC	6	.610 (15.5)	155	230
I100666	CPE	6	.610 (15.5)	155	230

TrayOptic® Heavy-Duty, All Dielectric Cable (cont.)

Part #	Jacket Material	No. of Fibers	Outer Dia. In(mm)	Wgt. (Lbs./1000')	Wgt. (kg/km)
I400855	PVC	8	.610 (15.5)	155	196
I400866	CPE	8	.610 (15.5)	155	230
I601255	PVC	12	.610 (15.5)	155	230
I601266	CPE	12	.610 (15.5)	155	230
I601855	PVC	18	.610 (15.5)	155	230
I601866	CPE	18	.610 (15.5)	155	230
I602455	PVC	24	.610 (15.5)	155	230
I602466	CPE	24	.610 (15.5)	155	230

Fiber Optics - Connectors



MT-RJ Fiber Connectors, Multimode

Two styles of dual-polarity, field-configurable MT-RJ connectors. Workstation connectors offer innovative push-button fiber termination, and plug directly into our MOS adapters. Frame-Station connectors use a cam technology to lock the fiber into a terminated position for use in frame or, with adapters, in the workstation. Both feature a pre-polished ribbon fiber ferrule that eliminates polishing. Fiber can be tested and reterminated before crimping. SPECIAL TOOLS REQUIRED.



Part #	Description
49888-5SF	Frame-Station Connector, multimode, 50.0µm
49888-5SW	Workstation Connector, multimode, 50.0µm
49888-6SF	Frame-Station Connector, multimode, 62.5µm
49888-6SW	Workstation Connector, multimode, 62.5µm

Fiber Optic Connectors and Adapters

Fast-Cure Fiber Optic Connectors

Connectors available in ST, SC, FC and LC styles, are reliable, cost-effective fiber optic connectors with quick, adhesive termination. Feature precision pre-radiused zirconia ferrules, high cable retention crimp, and patented non-optical disconnect spacer design. Available in multimode or single-mode versions.

Part #	Description
49990-SST	ST fast cure connector - singlemode
49990-MST	ST fast cure connector - multimode
49990-SSC	SC fast cure connector - singlemode
49990-MSC	SC fast cure connector - multimode
49990-SFC	FC fast cure connector - singlemode
49990-MFC	FC fast cure connector - multimode
49990-SL2	LC fast cure connector with 3mm boot (will accept 3mm cable) - singlemode
49990-ML2	LC fast cure connector with 3mm boot (will accept 3mm cable) - multimode
49990-SDL	LC fast cure connector with .9mm boot - singlemode
49990-MDL	LC fast cure connector with .9mm boot - multimode

Maintain quality connections between your fiber optic equipment with proper **Fiber Optic Cleaning.**

Particles such as dust, lint or oil can compromise the integrity of the optical signal being transmitted over the fiber. Our trained sales professionals can provide you with the do's and don'ts along with the appropriate accessories needed to preserve your fiber optic network.

Thread-Lock® Reusable Fiber Connectors & Accessories

Thread-Lock Connectors are available in SC, FC and ST® styles and are reusable, field-terminable fiber optic connectors with a simple, craft-friendly installation. No heat, epoxy or proprietary tools required. Silicone Build-Up Sleeves provide easy installation at the frame or workstation. Available in multi-mode or single-mode versions.

Part #	Description
49882-MST	ST® thread-lock connector - multimode
49882-SST	ST® thread-lock connector - singlemode
49883-MFC	FC thread-lock connector - multimode
49883-SFC	FC thread-lock connector - singlemode
49884-MSC	SC thread-lock connector - multimode (beige)
49884-SSC	SC thread-lock connector - singlemode (blue)



FastCAM™ Fiber Connectors

Leviton's new FastCAM™ pre-terminated, factory-polished connectors provide precision mechanical termination of single-mode or multimode fiber. No special tools, no epoxy and no time-consuming hand polishing required, so installation takes just minutes. Strip the buffer, cleave and insert the fiber into the FastCAM Connector, release the factory installed wedge clip and you have an immediate, low insertion loss connection. FastCAM Connectors are available in ST and SC styles to fit 250µm and 900µm cables with standard single-mode and 50µm/62.5µm multimode fiber options. They can be installed virtually anywhere, including all types of premise and fiber-to-the-subscriber applications.

Part #	Description	Color
49991-MSC	FastCAM SC 62.5/125µm Multimode	Beige
49991-5SC	FastCAM SC 50/125µm Multimode	Black
49991-SSC	FastCAM SC Singlemode	Blue
49991-MST	FastCAM ST 62.5/125µm Multimode	Beige
49991-5ST	FastCAM ST 50/125µm Multimode	Black
49991-SST	FastCAM ST Singlemode	Blue
49991-LLC	FastCAM LC, 50/125µm L.O. Multimode	Aqua
49991-MLC	FastCAM LC 62.5/125µm Multimode	Beige
49991-5LC	FastCAM LC 50/125µm Multimode	Black
49991-SLC	FastCAM LC Singlemode	Blue



LC OPTICAM® Fiber Optic Connectors - Pre-Polished Cam Termination

TIA/EIA-604 FOCIS-10 compatible connectors. Exceed TIA/EIA-568-B.3 requirements. Quick installation - provide field termination in less than half the time of field polish connectors. Patent pending re-termination capability. Factory pre-polished fiber endface eliminates time-consuming field polishing to reduce installation costs, labor, scrap and the number of tools required. Cam activated fiber and buffer retention. No separate clamps, tools or steps are required to secure both the fiber and the buffer.

Fiber Optic Connectors

Part #	Description
FLCSMCXAQY	10GIG™ 50/125µm multimode simplex fiber optic connector for 900µm tight-buffered fiber installation - Aqua
FLCDMCXAQY	10GIG™ 50/125µm multimode duplex fiber optic connector for 900µm tight-buffered fiber installation - Aqua
FLCSMC5BLY	50/125µm multimode simplex fiber optic connector for 900µm tight-buffered fiber installation - Black
FLCDMC5BLY	50/125µm multimode duplex fiber optic connector for 900µm tight-buffered fiber installation - Black
FLCSMC6BLY	62.5/125µm multimode simplex fiber optic connector for 900µm tight-buffered fiber installation - Black
FLCDMC6BLY	62.5/125µm multimode duplex fiber optic connector for 900µm tight-buffered fiber installation - Black
FLCSSCBUY	Singlemode simplex fiber optic connector for 900µm tight-buffered fiber installation - Blue
FLCDSCBUY	Singlemode duplex fiber optic connector for 900µm tight-buffered fiber installation - Blue

OPTICAM® Cable Retention Boot Assemblies

Consistently provide higher than industry standard cable retention. 10 per pkg.



Part #	Description
FMCBT2BL-X	Multimode 1.6/2.0mm cable retention boot - Black
FSCBT2BU-X	Singlemode 1.6/2.0mm cable retention boot - Blue
FMCBT3AQ-X	10GIG™ 3.0mm cable retention boot - Aqua
FMCBT3BL-X	Multimode 3.0mm cable retention boot - Black
FSCBT3BU-X	Singlemode 3.0 cable retention boot - Blue
FMCBT2AQ-X	10GIG™ 1.6/2.0mm cable retention boot - Aqua



OPTICAM® LC Duplex Clip

Duplex clip for duplexing two simplex LC OPTICAM® multimode or singlemode connectors. 50 per pkg.

Part # FLCCCLIPBL-L

SC OPTICAM® Fiber Optic Connectors - Pre-Polished Cam Termination

TIA/EIA-604 FOCIS-3 compliant connectors. Exceed TIA/EIA-568-B.3 requirements. Quick installation. Factory pre-polished fiber endface eliminates time-consuming field polishing to reduce installation costs, labor, scrap and the number of tools required. Cam activated fiber and buffer clamp mechanisms provide superior fiber and buffer retention. No separate clamps, tools or steps required.



Part #	Description
FSCMCXAQ	10GIG™ 50/125µm multimode simplex fiber optic connector for 900µm tight-buffered fiber installation - Aqua
FSCDMCXAQ	10GIG™ 50/125µm multimode duplex fiber optic connector for 900µm tight-buffered fiber installation - Aqua
FSCMC5BL	50/125µm multimode simplex fiber optic connector for 900µm tight-buffered fiber installation - Black
FSCDMC5BL	50/125µm multimode duplex fiber optic connector for 900µm tight-buffered fiber installation
FSCMC6BL	62.5/125µm multimode simplex fiber optic connector for 900µm tight-buffered fiber installation - Black
FSCDMC6BL	62.5/125µm multimode duplex fiber optic connector for 900µm tight-buffered fiber installation - Black
FSCSCBU	Singlemode simplex fiber optic connector for 900µm tight-buffered fiber installation - Blue
FSCCLIP-L	SC duplex clip for duplexing two simplex PANDUIT SC multimode or singlemode connectors.

ST OPTICAM® Fiber Optic Connectors - Pre-Polished Cam Terminations

TIA/EIA-604 FOCIS-2 compliant connectors. Exceed TIA/EIA-568-B.3 requirements. Quick installation. Factory pre-polished fiber endface eliminates time-consuming field polishing to reduce installation costs, labor, scrap and the number of tools required. Cam activated fiber and buffer clamp mechanisms provide superior fiber and buffer retention. No separate clamps, tools or steps are required to secure both the fiber and the buffer.



Part #	Description
FSTMCXAQ	10GIG™ 50/125µm multimode simplex fiber optic connector for 900µm tight-buffered fiber installation - Aqua
FSTMC6BL	62.5/125µm multimode simplex fiber optic connector for 900µm tight-buffered fiber installation - Black
FSTSCBU	Singlemode simplex fiber optic connector for 900µm tight-buffered fiber installation - Blue
FSTMC5BL	50/125µm multimode simplex fiber optic connector for 900µm tight-buffered fiber installation - Black

MINI-COM® FJ® OPTI-CRIMP® Keyed Duplex Jack Modules

Pre-polished mechanical crimp termination eliminates polishing and adhesive. Includes mechanical network security. Mechanical keyed configurations prevent unintentional insertion into segregated network ports. Multimode duplex fiber optic jack module with phosphor bronze split sleeves. Non-optical disconnect maintains data transmission under tensile loads. Mechanical crimp cable retention. Modules and crimp tool allow visual verification of optimal continuity during crimp termination. RJ-45 small form factor duplex jack module. Module snaps into or out of all work area outlets. Each duplex jack module includes housing, cover, two ferrule assemblies with pre-polished fiber stubs, two crimp sleeves, one boot for 900µm buffered fiber, one boot for 3mm jacketed cable and one dust cap. Each has 1 module space. FOCIS-6 TIA/EIA-568-B.3 compliant connector.



Part #	Type	Color
FJJSMM5CWBL	62.5/125µm keyed (W)	Black
FJJSMM5CXRD	62.5/125µm keyed (X)	Red



MINI-COM® FJ® OPTI-CRIMP® Keyed Duplex Jack Modules (Cont.)

Part #	Type	Color
FJJSMM5CYOR	62.5/125µm keyed (Y)	Orange
FJJSMM5CZYL	62.5/125µm keyed (Z)	Yellow
FJJSMM50CWBL	50/125µm keyed (W)	Black
FJJSMM50CXRD	50/125µm keyed (X)	Red
FJJSMM50CYOR	50/125µm keyed (Y)	Orange
FJJSMM50CZYL	50/125µm keyed (Z)	Yellow

Replacement Ferrule Assemblies for FJ OPTI-CRIMP® Multimode Jack Modules

Eliminates the need to purchase complete FJ OPTI-CRIMP Jack Modules or FJ OPTI-CRIMP Keyed Jack Modules if necessary to re-terminate. Includes ten ferrule assemblies, crimp sleeves and dust caps. Dust caps are color-coded: clear for 62.5/125µm and orange for 50/125µm.

Part #	Type
FJJSMMFRL-X	62.5/125µm
FJJSMM50FRL-X	50/125µm

SC OPTI-CRIMP® Multimode Fiber Optic Connectors

Pre-polished mechanical crimp termination eliminates polishing and adhesive. Non-optical disconnect maintains data transmission under tensile loads (jacketed cable only). Mechanical crimp cable retention. Connectors and crimp tool allow visual verification of optimal continuity during crimp termination. Each connector includes transparent inner housing assembly with pre-polished fiber stub, outer housing, crimp sleeve, one boot for 900µm tight-buffered fiber, one boot for 3mm jacketed cable and one dust cap. FOCIS-3 TIA/EIA-568-B.3 compliant connector.

Part #	Type	Color
FSCMMBL	62.5/125µm	Black
FSCMM50BL	50/125µm	Black

MINI-COM® FJ® OPTI-CRIMP® Duplex Jack Modules

Pre-polished mechanical crimp termination eliminates polishing and adhesive. Multimode duplex fiber optic jack module with phosphor bronze split sleeves. Non-optical disconnect maintains data transmission under tensile loads. Mechanical crimp cable retention. Modules and crimp tool allow visual verification of optimal continuity during crimp termination. RJ-45 small form factor duplex jack module. Module snaps into or out of all work area outlets. Each duplex jack module includes housing, cover, two ferrule assemblies with pre-polished fiber stubs, two crimp sleeves, one boot for 900µm buffered fiber, one boot for 3mm jacketed cable and one dust cap. Each has 1 module space. FOCIS-6 TIA/EIA-568-B.3 compliant connector.

Part #	Type	Color
FJJSMM5CEI	62.5/125µm	Electric Ivory
FJJSMM50CEI	50/125µm	Electric Ivory

ST OPTI-CRIMP® Multimode Fiber Optic Connectors

Pre-polished mechanical crimp termination eliminates polishing and adhesive. Mechanical crimp cable retention. Connectors and crimp tool allow visual verification of optimal continuity during crimp termination. Each connector includes connector body/ferrule assembly with pre-polished fiber stub, spring, bayonet, crimp sleeve, one boot for 900µm tight-buffered fiber, one boot for 3mm jacketed cable and one dust cap. FOCIS-3 TIA/EIA-568-B.3 compliant connector.

Part #	Type	Color
FSTMABL	62.5/125µm	Black
FSTM50BL	50/125µm	Black

Replacement Ferrule Assemblies or FJ Field Polish Jack Modules and Plugs

Eliminates need to purchase complete FJ Field Polish Jack Modules or Plugs if necessary to re-terminate. Includes ten ferrule assemblies, crimp sleeves and dust caps. Plug ferrule housing molded in blue for singlemode and electric ivory for multimode per industry standard.

Part #	Description
FJEP9FRL-X	Replacement for singlemode FJ field polish duplex plug.
FJJ9FRL-X	Replacement for FJ field polish singlemode duplex jack module.
FJJFRL-X	Replacement for FJ field polish multimode duplex jack module - 62.5/125µm or 50/125µm fiber.

FJ® Duplex Fiber Optic Plugs - Field Polish

RJ45 small form factor duplex plug. Non-optical disconnect maintains data transmissions under tensile loads. Includes housing, insert, two ferrule assemblies, two crimp sleeves, one boot for 3mm jacketed cable and two dust caps. FOCIS-6 TIA/EIA-568-B.3 compliant connector.

Part #	Description	Color
FJEPGM5CEI	FJ multimode duplex fiber optic plug - 62.5/125µm or 50/125µm fiber	Electric Ivory
FJEPGS9CBUY	FJ singlemode duplex fiber optic plug	Blue
FJGCCEI	Adapter to mate two FJ Duplex Fiber Optic Multimode or Singlemode Plugs	Electric Ivory

ST Fiber Optic Connectors - Field Polish

Each connector includes metal connector body/ferrule assembly spring, metal bayonet, crimp sleeve, one boot for 900µm buffered fiber, one boot for 3mm jacketed cable and one dust cap. FOCIS-3 TIA/EIA-568-B.3 compatible connector.

Part #	Description	Color
FSTMABL	ST multimode fiber optic connector - 62.5/125µm or 50/125µm fiber	Black
FSTMARD	ST multimode fiber optic connector - 62.5/125µm or 50/125µm fiber	Red
FSTSABU	ST singlemode fiber optic connector	Blue

SC Fiber Optic Connectors - Field Polish

Non-optical disconnect maintains data transmission under tensile loads (jacketed cable only). Free floating housing ensures complete latching. Pre-assembled inner housing. Each connector includes inner housing assembly, outer housing, crimp sleeve, one boot for 900µm buffered fiber, one boot for 3mm jacketed cable and one dust cap. FOCIS-3 TIA/EIA-568-B.3 compliant connector.

Part #	Description	Color
FSCMBL	SC multimode fiber optic connector - 62.5/125µm or 50/125µm fiber	Black
FSCMRD	SC multimode fiber optic connector - 62.5/125µm or 50/125µm fiber	Red
FSCSBU	SC singlemode fiber optic connector	Blue

LC Duplex Fiber Optic Connectors - Field Polish

Non-optical disconnect maintains data transmission under tensile loads (jacketed cable only). Each duplex connector includes two connector body/ferrule assemblies, two crimp sleeves, two boots for 1.6mm or 2.0mm jacketed cable, two dust caps and one duplexing clip. FOCIS-10 TIA/EIA-568-B.3 compliant connector.

Part #	Type	Color
FLCDMEI	Multimode-62.5/125µm or 50/125µm	Electric Ivory
FLCDSBU	Singlemode	Blue



LC Simplex Fiber Optic Connectors - Field Polish

Non-optical disconnect maintains data transmission under tensile loads (jacketed cable only). Each connector includes connector body/ferrule assembly, crimp sleeve, one boot for 900µm buffered fiber, one boot for 1.6mm or 2.0mm jacketed cable and one dust cap. FOCIS-10 TIA/EIA-568-B.3 compatible connector.



Part #	Type	Color
FLCSMEI	Multimode-62.5/125µm or 50/125µm	Electric Ivory
FLCSSBU	Singlemode	Blue

Fiber Optic Products Connectors



Part #	Description
NFO-3000	ST Multimode - 3.0mm With Boot - Simplex
NFO-3001	SC Multimode - 3.0mm With Boot - Simplex
NFO-3002	Duplex SC Multimode - 3.0mm With Boot
NFO-3003	MTRJ M/M connector 3.0 mm
NFO-3004	ST single mode connector with 125 mm boot
NFO-3005	SC single mode connector 125 mm boot



Optimax Field Installable Connector

Reliable field installable optical fiber connectors that are easy to install. Do not require epoxy, curing or polishing. A factory polished fiber stub in a splice mechanism which provides a fast, secure, and reliable termination on optical fiber cables. All critical steps are performed in the factory, ensuring a superior-quality connection every time. Only simple tools are required for installation. LC, SC and ST Compatible connectors that use a ceramic ferrule with a physical contact (PC) polish for MM and super physical contact (SPC) polish for SM. Available for 62.5 or 50/125 µ Multimode fiber and Singlemode fiber installations.

Part #	Description
AX101981	LC 62.5 µ, Multimode, for 900 µ buffered fiber only
AX101982	LC 50 µm, Multimode, for 900 µm buffered fiber only
AX101983	LC, Singlemode, for 900 µm buffered fiber only
AX100029	SC 62.5 µm, Multimode for 900 µm buffered fiber only
AX101077	SC 50 µm, Multimode, for 900 µm buffered fiber only
AX101792	SC, Singlemode, for 900 µm buffered fiber only
A0408835	ST Compatible 62.5 µm, Multimode, for 900 µm buffered fiber only
AX101075	ST Compatible 50 µm, Multimode, for 900 µm buffered fiber only
AX101791	ST Compatible, Singlemode, for 900 µm buffered fiber only
AX101984	LC Accessory Kit for jacketed fiber, contains a 2 mm boot and a crimp sleeve
AX101794	SC Accessory Kit for jacketed fiber, contains 3 mm boot, crimp sleeves and a cord adapter
AX101793	ST Accessory Kit for jacketed fiber, contains 3 mm boot, crimp sleeves

Impact Mount™ Field Termination Connectors

Impact Mount Technology is a radial compression fit of a ductile metal around a cylindrical glass surface. IMT is a unique patented design that assures reliable terminations time after time by securing the glass fiber within the metal ferrule. Minimum prep: 3 seconds buffer strip. Fast installation: Crimp rear of connector, Impact front of connector: 30 seconds. Simple fiber scoring/removal: 1 second. Quick polishing: 3.0m and 0.3m polishing paper 10 seconds each. Total assembly time: less than 2 minutes.

Part #	Description
NVO-4010	ST Multimode Connector
NVO-4020	ST Singlemode Connector
NVO-4110	SC Multimode Connector
NVO-4120	SC Singlemode Connector
NVO-4310	SMA Multimode Connector
NVO-4230	SP Splice Female SM & MM
NVO-4500	Inline Repair Splice
NVO-4430	SP Splice Connector
NVO-5200	6 Pack U Spring
NVO-6000	Service Enclosure

HellermannTyton

Connectors

Designed for both field and factory installation using either epoxy or anaerobic adhesive. Utilizes pre-radiused zirconia ceramic ferrules which provide for constant ferrule end face geometry. SC connectors are fitted with 900 micron boots and the ST connectors are packaged with both 900 micron and 3mm boots.



Part #	Description
FCSC	SC Multimode Fiber Connector
FCST	ST Multimode Fiber Connector

Some Fiber Optic Safety Tips

- Never eat or drink in a fiber optic work area—fiber scrap could fall onto food surfaces causing internal damage if ingested
- Always wear safety glasses with side shields
- Protect your eyes—never look directly into the end of the cable
- Workers need a well-ventilated and well-lit work area
- If not wearing disposable aprons to keep fiber particles off clothing, stray fibers can be removed with double-sided tape
- Wash hands thoroughly when job is complete

LEVITON

Opt-X® 250 Rack-Mount Panel

For rack mount patching, cross-connect, and/or splicing of singlemode or multimode fiber while utilizing a minimum of rack space.



Part #	Description
5R1UE-A03	1RU, empty, no cover, 1.75"H x 19.0"W x 7.7"D

OPT-X 500 Fiber Optic Enclosure

Available in 1RU, 2RU, and 3RU sizes. Designed for a wide variety of installations and offer increased flexibility while utilizing minimum rack space. One-piece removable covers conceal and protect patch cords and allow easy access. Multiple bend radius and cable management features, include two cable tie downs in front and four in back to protect and organize cables. Mounts on standard 19" rack.

Part #	Description
5R1UA-A03	1RU, empty with one piece top & front, metal cover, no lock
5R2UA-A06	2RU, empty with one piece top & front, metal cover, no lock
5R3UA-A12	3RU, empty with one piece top & front, metal cover, no lock
T47HS-P06	Mini-Splice Tray, 4.00" x 7.06" x 0.25" (w/two 6-position Heat Shrink Holders)
T47SL-F06	Mini-Splice Tray, Black, 4.00" x 7.06" x 0.25" (w/two 6-position Heat Shrink Foam Holders)
T47SL-F12	Mini-Splice Tray, 4.00" x 7.06" x 0.25" (w/two 6-position Heat Shrink Foam Holders)
T4LAT-F06	4" Standard Splice Tray, 4.00" x 11.75" x 0.25" (w/two 6-Position Heat Shrink LGX Holders)
T4LHS-P12	4" High Density Splice Tray, 4.00" x 11.75" x 0.25" (w/four 6-Position Heat Shrink Holders)
T4LAT-F12	4" High Density Splice Tray, 4.00" x 11.75" x 0.25" (w/four 6-Position Heat Shrink LGX Footprint Holders)
T4LHS-F12	4" High Density Splice Tray, 4.00" x 11.75" x 0.25" (w/four 6-Position Heat Shrink Foam Holders)

OPT-X® Enclosures - 1RU and 2RU

Completely removable top with tilt-up removable front and rear doors provides unobstructed access to the panel interior. Slide rail option allows easy installation and re-entry regardless of equipment or panels above. Mounting brackets are reversible for mid-or flush-mounting in 19" racks. High-density adapter bulkhead houses up to 24 ST or 12 duplex SC adapters. Another version accepts two six-fiber mounting plates; configure with ST, FC, SC and MT-RJ or add a QuickPort plate to create a multimedia panel. Dimensions: 1.75"H x 19.0"W x 12.0"D. Loaded=The panel's bulkhead contains the specified couplings. Unloaded=The panel includes a bulkhead which has openings for, but does not include, the specified couplings. Empty=No bulkhead coupling plates are included.

Fiber Optic Enclosures (2RU) 3.5" H x 19.0" W x 12.0" D

The versatile 2RU enclosure can be mounted on the wall or on 19" or 23" racks. Front and rear tilt-up lids provide easy access to adapters and mounting plates. Inside space houses up to six mounting plates for SC, FC, ST, LC and MT-RJ adapters. Horizontal entry ports in front and back and vertical entry ports in the rear offer egress/ingress for patch cables. Doors are metal or smoked polycarbonate with locks available on metal versions.



Part #	Description
5R100-OFR	Fiber rings, 2 per pack
5R430-00N	2RU Enclosure with Metal Door (no lock)
5R440-00N	2RU Enclosure with Metal Door and Lock
5R460-00N	2RU Enclosure with Poly Door (no lock)
5T000-00T	12 Splice Tray
5T000-3MT	3M Fibrlock™ Splice Holder
5T000-ATT	AT&T Rotary Splice Holder

LEVITON

OPT-X® Enclosures - 1RU and 2RU (cont.)

Low-Profile Rack-Mount Enclosures (1RU) 1.75" H x 19.0" W x 12.0" D

1RU enclosures feature front and rear tilt-up lids for unobstructed access to adapter and mounting plates. The slide rail option allows easy installation and re-entry. High-density adapter bulkhead houses up to 24 ST or 12 duplex SC adapters. Another version accepts three 6-fiber mounting plates to configure with ST, FC, SC, LC or MT-RJ connectors or add a QuickPort adapter plate for multimedia applications. Mounts on standard 19" or 23" rack.



Part #	Description
5P030-0AB	24 Fiber, loaded with 6 ST adapters - with rails
5R030-0AB	24 Fiber, loaded with 6 ST adapters - without rails
5P030-0HB	24 Fiber, loaded with 3 duplex SC adapters - with rails
5R030-0HB	24 Fiber, loaded with 3 duplex SC adapters - without rails
5P130-00N	72 Fiber, empty (accepts 2 bulkheads) - with rails
5R130-00N	72 Fiber, empty (accepts 2 bulkheads) - without rails
5P230-0AB	24 Fiber, loaded with 12 ST adapters - with rails
5R230-0AB	24 Fiber, loaded with 12 ST adapters - without rails
5P230-0HB	24 Fiber, loaded with 6 duplex SC adapters - with rails
5R230-0HB	24 Fiber, loaded with 3 duplex SC adapters - without rails
5P330-0AA	24 Fiber, unloaded, punched for duplex ST adapters - with rails
5R330-0AA	24 Fiber, unloaded, punched for duplex ST adapters - without rails
5P330-0AB	24 Fiber, loaded with 24 ST adapters - with rails
5R330-0AB	24 Fiber, loaded with 24 ST adapters - without rails
5P330-0HA	24 Fiber, unloaded, punched for duplex SC adapters - with rails
5R330-0HA	24 Fiber, unloaded, punched for duplex SC adapters - without rails
5P330-0HB	24 Fiber, loaded with 12 duplex SC adapters - with rails
5R330-0HB	24 Fiber, loaded with 3 duplex SC adapters - without rails
5D000-1RM	1RU Metal Replacement Door

OPTX® 1000 Wall-Mount Fiber Optic Enclosures

Available in three sizes: small (8.0", up to two adapter plates), medium (14.0", up to four adapter plates), and large (17", up to twelve adapter plates). Enclosures support a variety of adapters and store three meters of 900 micron fiber per adapter. L-shaped doors provide maximum access and come with a number of options. Wall-mount enclosures include grounding/strain relief, grommets, labels and fiber management rings.



Part #	Description
5W110-00N	Small, Empty with solid metal door, no lock, holds no splice trays
5W120-00N	Small, Empty with split metal door and one lock/key, holds no splice trays
5W170-00N	Small, Empty with solid metal door and lock/key, holds no splice tray
5W310-00N	Medium, Empty with solid metal door, no lock, holds 6 splice trays
5W320-00N	Medium, Empty with split metal door and one lock/key, holds 6 splice trays
5W370-00N	Medium, Empty with solid metal door and one lock/key, holds 6 splice trays
5W710-00N	Large, Empty with solid metal door, no lock, holds 6 splice trays
5W720-00N	Large, Empty with split metal door and one lock/key, holds 6 splice trays
5W770-00N	Large, Empty with solid metal door and lock/key, holds 6 splice trays

LEVITON

OPT-X® 1000 3RU and 6RU Rack-Mount Fiber Optic Enclosures

Supports a variety of adapters and mounts on 19" and 23" frames. The 6RU enclosure holds up to 24 adapter plates, and includes 16 blank plastic plates to fill unused space. The 3RU enclosure holds up to 12 adapter plates and includes 8 blank plates. Rack-mount enclosures include: grounding/strain relief, grommets, labels, blank plastic plates and the appropriate number of fiber management rings.



Part #	Description
5R730-00N	3RU, Empty with metal door, no lock
5R740-00N	3RU, Empty with metal door and one lock/key
5R760-00N	3RU, Empty with smoked polycarbonate door, no lock
5R930-00N	6RU, Empty with metal door, no lock
5R940-00N	6RU, Empty with metal door one lock/key
5R960-00N	6RU, Empty with smoked polycarbonate door, no lock

Fiber Optic Mounting Plates and Adapters

Fit neatly into any fiber housing. Loaded includes the specified coupling installed. Unloaded is punched for but not including the specified couplings.



Part #	Description
5F100-012	Unloaded MT-RJ Mounting Plate, 12-Pack
5F100-0MT	Unloaded MT-RJ Mounting Plate, 6-Pack
5F100-OSC	Unloaded Pre-punched Duplex SC Mounting Plate, 6-Pack
5F100-0ST	Unloaded Pre-punched ST/FC Mounting Plate, 6-Pack
5F100-12M	Loaded MT-RJ Mounting Plate, 12-Pack
5F100-1PF	Loaded SM/MM FC Mounting Plate, 6-Pack, Phosphor-Bronze Sleeve
5F100-1ST	Loaded SM/MM ST Mounting Plate, 6-Pack, Phosphor-Bronze Sleeve
5F100-3BC	Loaded Duplex SM/MM SC Mounting Plate, 3-Pack, Phosphor-Bronze Sleeve, Beige
5F100-3CE	Unloaded Pre-punched Duplex SC Mounting Plate, 3-Pack
5F100-3SC	Loaded Duplex MM SC Mounting Plate, 3-Pack, Phosphor-Bronze Sleeve, Blue
5F100-3ZC	Loaded Duplex SM SC Mounting Plate, 3-Pack, Zirconia Ceramic Sleeve, Blue
5F100-6BC	Loaded Duplex MM SC Mounting Plate, 6-Pack, Phosphor-Bronze Sleeve, Beige
5F100-6MC	Loaded MT-RJ Mounting Plate, 6-Pack
5F100-6QP	QuickPort® Snap-In Connector adapter bulkhead, (Connectors sold separately)
5F100-6ZC	Loaded Duplex SM SC Mounting Plate, 6-Pack, Zirconia Ceramic Sleeve, Blue
5F100-6ZF	Loaded SM FC Mounting Plate, 8-Pack, Zirconia Ceramic Sleeve
5F100-6ZT	Loaded SM ST Mounting Plate, 6-Pack, Zirconia Ceramic Sleeve
5F100-8PF	Loaded MM FC Mounting Plate, 8-Pack, Phosphor-Bronze Sleeve
5F100-8ST	Loaded MM ST Mounting Plate, 8-Pack, Phosphor-Bronze Sleeve
5F100-8ZT	Loaded SM ST Mounting Plate, 8-Pack, Zirconia Ceramic Sleeve
5F100-BLK	Blank Metal Mounting Plate
5F100-BPP	Blank Plastic Mounting Plate
5F100-CSC	Loaded Duplex SM SC Mounting Plate, 6-Pack, Phosphor-Bronze Sleeve, Blue
5F100-NST	Unloaded Pre-punched ST/FC Mounting Plate, 8-Pack

Multi-Media Adapter Bracket

Supports any combination of two 6-pack mounting plates, which accommodate SC, ST, FC, MT-RJ, BNC, F and all QuickPort connectors. Mounting plates with BNC and F-connector adapters available for easy video connection.



Part # 47612-MMA

PANDUIT

OPTICOM® Rack Mount Enclosures

Can be mounted to any standard EIA 19" or 23" rack or cabinet. Include fiber optic cable routing accessory kit and label. Top, bottom, and side cable entry. Accept OPTICOM® Fiber Adapter Panels.



Part #	Description
FRME1	Accepts up to (3) FAP or FMP adapter panels. Support up to (24) ST", (36) SC or (36) FJ fiber optic terminations. Includes a slide out/tilt down drawer for easy access. Dimensions 1.74"H x 11.65"D x 19.0"W (44.2mm x 292.1mm x 482.6mm).
FRME2	Accepts up to (6) FAP or FMP adapter panels. Support up to (48) ST", (72) SC or (72) FJ fiber optic terminations. Includes a slide out/tilt down drawer for easy access. Dimensions 3.45"H x 11.65"D x 19.0"W (87.6mm x 295.9mm x 482.6mm).
FRME3	Accepts up to (9) FAP or FMP adapter panels. Support up to (72) ST", (108) SC or (108) FJ fiber optic terminations. Includes a slide out/tilt down drawer for easy access. Dimensions 5.23"H x 11.65"D x 19.0"W (132.8mm x 295.1mm x 482.6mm).
FRME4	Accepts up to (12) FAP or FMP adapter panels. (1) splice tray holder (FST24H3) and (3) splice trays (FST24). Support up to (96) ST", (144) SC or (144) FJ fiber optic terminations. Includes a slide out/tilt down drawer for easy access. Dimensions 6.9"H x 11.65"D x 19.0"W (175.3mm x 295.9mm x 482.6mm)

OPTICOM® Wall Mount Enclosures

Includes fiber optic cable routing accessory kit and label. Separate doors for service and users sides with optional keyed locks for added security. Accept OPTICOM® Fiber Adapter Panels. Compact design allows installation in tight areas. Standard package quantity is one.



Part #	Description
FWME2	Accepts up to (2) FAP or FMP panels, (1) splice tray holder (FSTHS) and (2) splice trays (FSTK). Supports up to (16) ST", (24) SC or (24) FJ® fiber optic terminations. Dimensions 12.00"H x 10.18"W x 2.32"D (304.8mm x 258.6mm x 58.9mm).
FWME4	Accepts up to (4) FAP or FMP panels, (1) splice tray holder (FSTHS) and (4) splice trays (FSTK). Supports up to (32) ST", (48) SC or (48) FJ fiber optic terminations. Dimensions 16.11"H x 12.25"W x 3.52"D (409.2mm x 311.2mm x 89.4mm).
FWME6	Accepts up to (8) FAP or FMP panels, (2) splice tray holder (FSTHS) and (8) splice trays (FSTK). Supports up to (64) ST", (96) SC or (96) FJ fiber optic terminations. Dimensions 16.11"H x 20.25"W x 3.52"D (409.2mm x 514.2mm x 89.4mm).

OPTICOM® Fiber Optic Rack Mount Splice Enclosures

Enclosures are black. One rack space = 1.75" (44.45mm).



Part #	Description	No. of Rack Spaces
FRME144SBL	144 Fiber Optic Enclosure	4
FRME72SBL	72 Fiber Optic Enclosure	2

OPTICOM® Trays

Removable rear tray cover provides easy access to splices and cable storage. Side and rear cable entry. Can be mounted to standard EIA 19" rack or cabinet. Include fiber optic cable routing accessory kit.



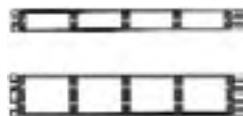
Part #	Description	No. of Rack Spaces
FMT1	Mounts behind modular patch panels such as CFAPPBL and accepts up to (1) splice tray holder (FSTHE) and (2) splice trays (FST6). Dimensions 1.75"H x 11.16"D x 19.0"W (44.9mm x 283.4mm x 482.6mm)	1
FMT2	Mounts behind modular patch panels such as CFAPPBL2 and accepts up to (1) splice tray holder (FSTHE) AND (4) splice trays (FST6). Dimensions 3.48"H x 11.16"D x 19.0"W (88.29MM x 283.36MM x 482.60MM)	2



Fiber Adapter Patch Panels

Can be mounted to any standard EIA 19" rack or cabinet. Mount to OPTICOM® Trays. CFAPPBL1 accepts up to 4 and CFAPPBL2 accepts up to 8 FAP or FMP OPTICOM® Fiber Adapter Panels.

*One rack space equals 1.75" (44.45mm). Product color is black.



Part #	Dimensions	No. of Rack Spaces*
CFAPPBL1	1.72"H x 19"W (43mm x 482mm)	1
CFAPPBL2	3.47"H x 19"W (88mm x 482mm)	2

LC Sr./Jr. Fiber Optic Adapters

Mini duplex adapter design fits into simplex SC adapter opening. Sr./Jr. (Senior/Junior) adapters have a FOCIS-10 senior adapter interface at one end and a FOCIS-10 Junior adapter interface at the other end. Both ends accept all FOCIS-10 compatible LC connectors. Junior end also accepts fixed ferrule LC connectors. Accommodates tighter applications (inside wall); allowing easier access to 900µm buffer terminated LC connectors. Choice of phosphor bronze or zirconia ceramic split sleeves to fit specific network requirements; zirconia ceramic split sleeves are required for singlemode performance. LC Simplex and Duplex Adapters are also available in patch panels or fiber adapter panels. LC Duplex Adapters are also available in Mini-Com modules. FOCIS-10 TIA/EIA-568-B.3 compatible adapter. 50 per pkg.



Part #	Description	Adapter Color
FASJLCZBU-L	LC Sr./Jr. simplex singlemode fiber optic adapter with zirconia ceramic split sleeve	Blue
FADJLCEI-L	Mini duplex multimode fiber optic adapter with phosphor bronze split sleeves	Electric Ivory
FADJLCZBU-L	Mini duplex singlemode fiber optic adapter with zirconia ceramic split sleeves	Blue

LC Sr./Sr. Fiber Optic Adapters

Mini duplex adapter design fits into simplex SC adapter opening. Sr./Sr. (Senior/Senior) adapters have a FOCIS-10 senior adapter interface at each end. Accepts all FOCIS-10 compatible LC connectors. Choice of phosphor bronze or zirconia ceramic split sleeves to fit specific network requirements; zirconia ceramic split sleeves are required for singlemode performance. LC Simplex and Duplex Adapters are also available in patch panels or fiber adapter panels to provide a complete LC system solution. LC Duplex Adapters are also available in Mini-Com® modules. FOCIS-10 TIA/EIA-568-B.3 compatible adapter. 50 per pkg.



Part #	Description	Adapter Color
FADSLCEI-L	Mini duplex multimode fiber optic adapter with phosphor bronze split sleeves	Electric Ivory
FADSLCZBU-L	Mini duplex singlemode fiber optic adapter with zirconia ceramic split sleeves	Blue
FASSLCZBU-L	Simplex singlemode fiber optic adapter with zirconia ceramic split sleeve	Blue



SC Fiber Optic Adapters

Integrated retention clip automatically adjusts for FOCIS-3 compliant panel thickness variations, creating a snug fit to reduce rattles. Improved protective cap fully surrounds split sleeve opening. Adapters can be used with multimode or singlemode connectors and patch cords. Choice of phosphor bronze or zirconia ceramic split sleeves to fit specific network requirements; zirconia ceramic split sleeves are recommended for singlemode performance. Short flange design for improved modularity and higher density usage. Q.C. number and split sleeve material laser marked on every adapter. SC Simplex and Duplex Adapters are also available in Mini-Com® modules, and in patch panels of fiber adapter panels to provide a complete SC system solution. 50 per pkg.



Part #	Description	Adapter Color
FADSCEI-L	SC duplex fiber optic adapter with phosphor bronze split sleeves	Electric Ivory
FADSCZBU-L	SC duplex fiber optic adapter with zirconia ceramic split sleeves	Blue
FASSCEI-L	SC simplex fiber optic adapter with phosphor bronze split sleeves	Electric Ivory
FASSCZBU-L	SC simplex fiber optic adapter with zirconia ceramic split sleeves	Blue

MINI-COM® FC Fiber Optic Adapter Modules

Compatible with MINI-COM® products. Can be used with multimode or singlemode connectors and patch cords. Choice of phosphor bronze or zirconia ceramic split sleeves to fit specific network requirements; zirconia ceramic split sleeves are required for singlemode performance. MINI-COM® FC Simplex Adapter modules are commonly used with MINI-COM® Patch Panels. FC Simplex Adapters are also available in patch panels or fiber adapter panels. For other colors replace suffix EI (Electric Ivory) with BL (Black), BU (Blue), IW (Off White), or WH (White). Each part has one module space.



Part #	Description	Module Color
CMFCEI	FC multimode fiber optic adapter module with phosphor bronze split sleeve	Electric Ivory
CMFCZBU	FC singlemode fiber optic adapter module with zirconia ceramic split sleeve	Blue

MINI-COM® LC Sr./Jr. Fiber Optic Adapter Modules

Mini duplex adapter design fits into single module space. Compatible with MINI-COM® products. Sr./Jr. (Senior/Junior) adapter modules have a FOCIS-10 junior adapter interface at each end. Junior end also accepts fixed ferrule LC connectors. Accommodates tighter applications (inside wall); allowing easier access to 900µm buffer terminated LC connectors. Choice of phosphor bronze or zirconia ceramic split sleeves to fit specific network requirements; zirconia ceramic split sleeves are required for singlemode performance. For other colors, replace suffix EI (Electric Ivory) or BU (Blue) with BL (Black), IW (Off White), or AW (Artic White).



Part #	Description	Module Color
CMDJLCEI	LC Sr./Jr. mini duplex multimode fiber optic adapter module with phosphor bronze split sleeves	Electric Ivory
CMDJLCZBU	LC Sr./Jr. mini duplex multimode fiber optic adapter module with zirconia ceramic split sleeves	Blue



MINI-COM® LC Sr./Sr. Fiber Optic Adapter Modules

Mini duplex adapter design fits into single module space. Compatible with MINI-COM products. Sr./Sr. (Senior/Senior) adapter modules have a FOCIS-10 senior adapter interface at each end. Accepts all FOCIS-10 compatible LC connectors. Choice of phosphor bronze or zirconia ceramic split sleeves to fit specific network requirements; zirconia ceramic split sleeves are required for singlemode performance. For other colors, replace suffix EI (Electric Ivory) or BU (Blue) with BL (Black), IW (Off White), or AW (Artic White).



Part #	Description	Module Color
CMDSLCEI	LC Sr./Sr. mini duplex multimode fiber optic adapter module with phosphor bronze split sleeves	Electric Ivory
CMDSL CZBU	LC Sr./Sr. mini duplex multimode fiber optic adapter module with zirconia ceramic split sleeves	Blue

MINI-COM® SC Fiber Optic Adapter Modules

Compatible with MINI-COM® products. Improved protective cap fully surrounds split sleeve opening. Can be used with multimode or singlemode connectors and patch cords. Choice of phosphor bronze or zirconia ceramic split sleeves to fit specific network requirements; zirconia ceramic split sleeves are recommended for singlemode performance. Q.C. number and split sleeve material laser marked on every adapter. For other colors, replace suffix EI (Electric Ivory) or BU (Blue) with BL (Black), IW (Off White), or AW (Artic White).



Part #	Description	No. of Module Spaces	Module Color
CMDEISCEI	SC duplex fiber optic adapter module with phosphor bronze split sleeves	2	Electric Ivory
CMDBUSCZBU	SC duplex fiber optic adapter module with zirconia ceramic split sleeves	2	Blue
CMSEISCEI	SC simplex fiber optic adapter module with phosphor bronze split sleeve	1	Electric Ivory
CMSBUSCZBU	SC simplex fiber optic adapter module with zirconia ceramic split sleeve	1	Blue

MINI-COM® MT-RJ Multimode Duplex Fiber Optic Adapter Modules

Compatible with MINI-COM® products. Can be used with multimode connectors and patch cords. Color is Electric Ivory. For other colors replace suffix EI (Electric Ivory) with BL (Black), BU (Blue), IW (Off White), or W (White). One module space.



Part # CMMJEI

MINI-COM® ST Fiber Optic Adapter Modules

FOCIS-2 TIA/EIA-568-B.3 compatible adapter. Compatible with MINI-COM® products for complete modularity. Can be used with multimode or singlemode connectors and patch cords. Choice of phosphor bronze or zirconia ceramic split sleeves to fit specific network requirements; zirconia ceramic split sleeves are required for singlemode performance. Number of module spaces is one.



Part #	Description	Module Color
CMSTEI	Module supplied with one ST multimode fiber optic adapter with phosphor bronze split sleeve	Electric Ivory
CMSTZBU	Module supplied with one ST singlemode fiber optic adapter with zirconia ceramic split sleeve	Blue



OPTICOM® Fiber Adapter Panels

Snap quickly into the front of all OPTICOM® Fiber Optic Enclosures.

Blank Fiber Adapter Panel

Blank adapter panel - reserves space for future use.



Part # FAPB

Duplex SC Fiber Adapter Panels



Part #	Description
FAP3WEIDSC	Loaded with 3 electric ivory SC duplex adapters with phosphor bronze split sleeves
FAP3WBUDSCZ	Loaded with 3 blue SC duplex adapters with ceramic split sleeves

MT-RJ Fiber Adapter Panels

Loaded with 6 electric ivory MT-RJ adapters.



Part # FMP6WMTRJ

Simplex ST Fiber Adapter Panels



Part #	Description
FAP6WST	Loaded with (6) ST adapters with phosphor bronze split sleeves.
FAP6WSTZ	Loaded with 6 ST adapters with ceramic split sleeves

6 Port Multi-Media Panel

Panel accepts up to 6 OPTI-JACK Fiber Optic Connector Modules or MINI-COM® Connector Modules for Fiber Optic UTP SCTP and Coax applications.

Part # FMP6

OPTICOM® Drawers

Drawer slides out for easy front access. Accept OPTICOM® Fiber Adapter Panels. Rear Tray capacity for splice tray installation. Can be mounted to EIA 19" rack or cabinet. Removable rear tray cover provides easy access to splices and cable storage. Include fiber optic cable routing accessory kit. Patented front bend radius control clips. Side and rear cable entry.



Part #	Description	No. of Rack Spaces
FMD1	Slide out drawer accepts up to 4 FAP or FMP Adapter Panels, 1 splice tray holder & 2 splice trays. Supports up to 32 ST*, 48 SC or 48 FJ® fiber optic terminations. 1.75"Hx19.85"Wx15.33"D	1
FMD2	Slide out drawer accepts up to 8 FAP or FMP Adapter Panels, 1 splice tray holder and 4 splice trays. Supports up to 64 ST*, 96 SC, or 96 FJ fiber optic terminations. 3.48"H x19.85"W x 15.40"D	2



FiberExpress Bar

Consists of a custom length fiber cable with, at one end, a factory pre-terminated rugged mini patch panel and, at the other end, a factory installed multi-fiber MPO connector. The very compact fiber patch panel contains 6 or 12 factory-terminated and tested connectors in a variety of styles. The ruggedness of the FiberExpress Bar makes it an ideal candidate for disaster recovery, industrial applications and other fiber deployment in harsh environment.

Multimode FX300, 62.5µm	Multimode FX600, 50µm	Multimode FX2000, 50µm	Singlemode	Description
AX250001	AX250052	AX250459	AX250009	12 ST type, MPO (m), 1 m
AX250005	AX250054	AX250460	AX250011	6 SC duplex (12 fibers), MPO (m), 1 m
AX250178	AX250179	AX250461	AX250180	6 MT-RJ (12 fibers), MPO (m), 1 m
AX250539	AX250540	AX250541	AX250542	12 LC, MPO (m), 1 m

MPO Cable Assembly

Multi-fiber cables using single MPO connectors 6, 8 and 12-fiber that are used to interconnect pre-terminated devices. Depending on the application, MPO Cable Assemblies (FOMC) can use Ribbon Cables, or Loose Tube cables. Available in lengths of up to 500 meters with a pulling-eye for ease of deployment. MPO cable assembly, FOMC, MPO(F)-MPO(F), 1 pulling eye, OFNP.

Multimode FX300, 62.5µm	Multimode FX600, 50µm	Multimode FX2000, 50µm	Singlemode	Description
AX250021	AX250345	AX250457	AX250224	12 fibers, 10 m (33 ft.)
AX250105	AX250376	AX250412	AX250106	12 fibers, 20 m (66 ft.)
AX250349	AX250065	AX250387	AX250071	12 fibers, 50 m (164 ft.)
AX250060	AX250066	AX250413	AX250072	12 fibers, 75 m (246 ft.)
AX250061	AX250067	AX250458	AX250073	12 fibers, 100 m (328 ft.)

Secure/Keyed LC System

Allows for physical segregation of network segments in secure fiber cabling infrastructures. Available with 6 different keying options, each carrying a different color to facilitate network administration. The keying detail inside the connector is totally tamper-proof and cannot be re-produced inside a standard LC connector to violate the network security. All products comply with the FOCIS 10 standard and optical performance exceeds all industry standards for SFF connectors.

Secure/Keyed LC Optimax for 900µm Buffered Fiber Only

Multimode 62.5µm	Multimode 50µm	Description
AX102203	AX102197	K1, Red
AX102204	AX102198	K2, Green
AX102205	AX102199	K3, Yellow
AX102206	AX102200	K4, Black
AX102207	AX102201	K5, Orange
AX102208	AX102202	K6, Blue

Secure/Keyed LC System (cont.)

Secured/Keyed LC Adapter Module

Can be used in all mounting hardware for workstation area, Consolidation Point or Telecom Room applications.

Gray Holder	Almond Holder	White Holder	Black Holder	Description
AX102089	AX102095	AX102101	AX102107	K1, Red
AX102090	AX102096	AX102102	AX102108	K2, Green
AX102091	AX102097	AX102103	AX102109	K3, Yellow
AX102092	AX102098	AX102104	AX102110	K4, Black
AX102093	AX102099	AX102105	AX102111	K5, Orange
AX102094	AX102100	AX102106	AX102112	K6, Blue

Secure/Keyed LC FiberExpress Adapter Strip

Can be used in all mounting hardware for workstation area, Consolidation Point or Telecom Room applications.

Part #	Description
AX102119	K1, Red, 12 fibers
AX102120	K2, Green, 12 fibers
AX102121	K3, Yellow, 12 fibers
AX102122	K4, Black, 12 fibers
AX102123	K5, Orange, 12 fibers
AX102124	K6, Blue, 12 fibers
AX102125	K1, Red, 24 fibers
AX102126	K2, Green, 24 fibers
AX102127	K3, Yellow, 24 fibers
AX102128	K4, Black, 24 fibers
AX102129	K5, Orange, 24 fibers
AX102130	K6, Blue, 24 fibers

Secure/Keyed LC FiberExpress Manager Module

Can be used in 19 and 23 inch FiberExpress Manager Shelves to provide a high-density management system of up to 1920 terminated fibers per rack.

12 Fibers	24 Fibers	Description
AX102113	AX102310	K1, Red, 12 fibers
AX102114	AX102311	K2, Green, 12 fibers
AX102115	AX102312	K3, Yellow, 12 fibers
AX102116	AX102313	K4, Black, 12 fibers
AX102117	AX102314	K5, Orange, 12 fibers
AX102118	AX102315	K6, Blue, 12 fibers

FiberExpress Manager Shelf

FiberExpress modules are rack-mounted using FiberExpress Manager Shelves. The shelves provide the total system with extra high connection density while facilitating cable routing and patch cord management. For 19 or 23 in racks. 19 in. shelf hold up to 12 modules. 23 in. shelf holds up to 16 modules.

Part #	Description
AX100934	Gray, 23 in. 10.9 Kg (24 lbs.)
AX100935	Black, 23 in. 10.9 Kg (24 lbs.)
AX101084	Gray, 19 in. 8.2 Kg (18 lbs.)
AX101085	Black, 19 in. 8.2 Kg (18 lbs.)



FiberExpress Manager 1U

Compact assembly designed for interconnection or splicing of optical fiber cables, using up to three FiberExpress Manager Modules. Low-profile design minimizes rack space to only 45 mm (1.75 in.).

Part #	Description
AX101943	Rack Mount Patch Panel, Black, 19 in. 5 Kg (11 lbs.)
AX101944	Rack Mount Patch Panel, Gray, 19 in. 5 Kg (11 lbs.)
AX102032	Cable Management Accessory, Black, 19 in. 5 Kg (11 lbs.)
AX102033	Cable Management Accessory, Gray, 19 in. 5 Kg (11 lbs.)

HellermannTyton

Rack Mount Fiber Enclosure

The ideal direct termination and splice solution of LAN applications capable of supporting up to 192 fibers. While offering easy-to-use front slide-out trays for easy access to connections, enclosures are equipped with cable management and cable routing accessories to limit bend radius and add strain relief control. Easily fits into 19" or 23" racks. Removable front and rear access lids. Tinted plexiglass window (2U, 3U and 4U). Wire management rings. Support post for splice trays. Lanced tabs to support incoming jacketed fiber.

Part #	Description	Dimensions H x W x D inches
FERM18S	18/24 Unloaded - Accepts 3 adapter panels & 1 FERMST, 1U	1.75 x 17 x 12.14
FERM36S	36/48 Unloaded - Accepts 6 adapter panels & 2 FERMST, 2U	3.5 x 17 x 12.14
FERM54S	54/72 Unloaded - Accepts 9 adapter panels & 3 FERMST, 3U	5.25 x 17 x 12.14
FERM72S	72/96/144 Unloaded - Accepts 12 adapter panels & 4 FERMST, 4U	7.0 x 17x 12.14

Wall Mount Fiber Enclosure

Termination solution for LAN applications requiring fully enclosed and lockable wall mount enclosures. Designed to support up to two or four modular adapter panels, these rugged wall mount units are equipped with cable management modules and cable routing accessories to limit bend radius and add strain relief control. The 12/16 port wall mount enclosures are equipped with a knockout hole in the door for the option of adding a lock. This allows private portions of the network to be secured. The 12 port is capable of using one lock and the 24 port is capable of two locks.

Part #	Description	Dimensions inches H x W x D
FEWM12	12/16 Wall Mount Fiber Enclosure - unloaded	12.5 x 9.3 x 3.7
FEWM24	24/32 Wall Mount Fiber Enclosure - unloaded	15.5 x 11.1 x 3.7

Adapter Panels

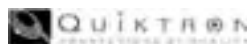
In order to customize wall mount or rack mount fiber optic enclosures, HellermannTyton offers several styles of panels. All modular adapter panels are assembled with industry standard adapters. The multimode/singlemode adapters utilize high performance zirconia ceramic and phosphorous-bronze split sleeve inserts for minimal insertion loss contribution. Package quantity is one.

Part #	Description
FAPB	Modular Adapter - blank
FAP6MMST	Modular Adapter Panel Loaded with 6 ST MM/SM adapters
FAP6SMMSC	Modular Adapter Panel Loaded with 6 Simplex SC MM/SM Adapters
FAP3DMMSC	Modular Adapter Panel Loaded with 3 Duplex SC MM/SM adapters
FAP6DMMSC	Modular Adapter Panel Loaded with 6 Duplex SC MM/SM adapters
FAP6DMMLC	Modular Adapter Panel Loaded with 6 Duplex LC MM/SM Adapters
FAP6MTRJ	Modular Adapter Panel Loaded with 6 MTRJ Adapters
FAP8SMMST	Modular Adapter Panel Loaded with 8 Simplex ST MM/SM Adapters
FAP8DMMLC	Modular Adapter Panel Loaded with 8 Duplex LC MM/SM Adapters

RapidNet Fiber Solutions

An excellent solution for extremely high bandwidth needs or extended distances. RapidNet Fiber utilizes the LC connector with a 12-fiber single unit plenum (OFNP) cable, or utilizes the SC connector with a 6-fiber single unit plenum (OFNP) cable. Cut to the customer-specified length, each 12-fiber or 6-fiber link is supplied terminated at both ends. Each pre-labeled 12-fiber or 6-fiber cassette snaps easily into the modular panel. Removal of cassette is just as easy - simply slide the latch forward and the cassette easily comes out of the rear of the panel. (XXX) = length in feet. (AAA) = Fiber type: 62P, 50P, 50P10G or SMP.

Part #	Description
RNF62P(XXX)	RapidNet 62.5/125µm 12-fiber LC assembly - orange
RNF50P(XXX)	RapidNet 50/125µm 12-fiber LC assembly - orange with aqua stripe
RNF50P10G(XXX)	RapidNet 50/125µm 10 Gig 12-fiber LC assembly - aqua
RNFSMP(XXX)	RapidNet Single Mode 12-fiber LC assembly - yellow
RNFSC62P(XXX)	RapidNet 62.5/125µm 6-fiber SC assembly - orange
RNFSC50P(XXX)	RapidNet 50/125µm 6-fiber SC assembly - orange with aqua stripe
RNFSC50P10G(XXX)	RapidNet 50/125µm 10Gig 6-fiber SC assembly - aqua
RNFSCSMP(XXX)	RapidNet Single Mode 6-fiber SC assembly - yellow
RNF(AAA)(XXX)LC	RapidNet 12-fiber LC cassette to 12 LC connectors
RNF(AAA)(XXX)SC	RapidNet 6-fiber SC cassette to 6 SC connectors



Rack-Mount Fiber Optic Enclosures & Panels

Enclosures can securely house 3, 6 or 12 pre-terminated modules or adapter panels. They're available in 1, 2 and 4U configurations and feature front and rear doors for convenient access. The top panels can also be removed for additional access, and are equipped with rear knockouts for horizontal cabling entrances. Guaranteed for life, each enclosure is designed to be installed in racks or cabinets supporting 19" or 23" rails. The rack-mount ears can also be adjusted to 3 different depths from front to rear, providing even more flexibility. Plus, for additional savings, 1 and 2U rack-mount panels are available. Like the enclosures, they can accept 3 or 6 pre-terminated modules or adapter panels.

Part #	Description
RS1-QTR	3 Panel - 1U Rack-Mount Enclosure
RS2-QTR	6 Panel - 2U Rack-Mount Enclosure
RS4-QTR	12 Panel - 4U Rack-Mount Enclosure
PS1-QTR	3 Panel - 1U Rack-Mount Panel
PS2-QTR	6 Panel - 2U Rack-Mount Panel

Wall-Mount Fiber Optic Enclosures

Featuring a guaranteed-for-life 100% steel construction, these wall-mount enclosures are designed to secure breakout modules in the horizontal or zone distribution areas. With your choice of sizes including 1, 2, 4 and 12 modules, these heavy-duty enclosures feature a low profile that requires little wall space, as well as a large routing space for accessible patch cabling entrance.

Part #	Description
WS0-QTR	1 Panel Wall-Mount
WS1-QTR	2 Panel Wall-Mount
WS2-QTR	4 Panel Wall-Mount
WS3-QTR	12 Panel Wall-Mount

Fiber Distribution Breakout Modules

Provides the mechanical distribution of the 12-strand MTP connector. Housed in a rugged steel enclosure that's guaranteed for life, these durable modules arrive fully loaded with the pre-terminated and tested MTP breakout harness - which not only reduces installation time but also ensures the most robust factory-quality performance and consistency. For additional convenience, our modules snap in either rack or wall-mount enclosures, featuring scalable designs that can grow with your network system.

62.5/125µ	50/125µ	50/125 LOMM	Single Mode	Description
MM1-QTR-D1	MM1-QTR-D150	MM1-QTR-D150L	MM1-QTR-D1S	12-strand MTP-ST Module
MM3-QTR-D3	MM3-QTR-D350	MM3-QTR-D350L	MM3-QTR-D3S	12-strand MTRP-SC Module
MML-QTR-DL	MML-QTR-DL50	MML-QTR-DL50L	MML-QTR-DLS	12-strand MTP-LC Module
MM3-QTR-QL	MM3-QTR-QL50	MM3-QTR-QL50L	MM3-QTR-QLS	24-strand MTP-LC Module

Fiber Optic Adapter Panels

An array of fiber optic adapter panels are available pre-loaded with mating sleeves. Simply choose the connector type that meets your needs and connect it to your backbone or trunk cable. Custom configurations also available.

Part #	Description
AP1-QTR-S1	12-strand ST, PB Insert, MM/SM ST
AP2-QTR-S1	6-strand ST, PB Insert, MM/SM ST
AP2-QTR-S1S	6-strand ST, Zirconia Insert, SM ST
AP5-QTR-S1	8-strand ST, PB Insert, MM/SM ST
AP5-QTR-S1S	8-strand ST, Zirconia Insert, MM/SM ST
AP3-QTR-D350L	6-strand SC Duplex, PB Insert, MM, Aqua SC
AP3-QTR-D3	6-strand SC Duplex, PB Insert, MM, Beige SC
AP3-QTR-D3B	6-strand SC Duplex, PB Insert, MM/SM, Blue SC
AP3-QTR-D8S	6-strand SC Duplex, Zirconia Insert, SM, APC, Green SC
AP3-QTR-D3S	6-strand SC Duplex, Zirconia Insert, SM, Blue SC
APL-QTR-S350L	6-strand SC, PB Insert, MM, Aqua SC
APL-QTR-S3	6-strand SC, PB Insert, MM, Beige SC
APL-QTR-S3B	6-strand SC, PB Insert, MM/SM, Blue SC
APL-QTR-S8S	6-strand SC, Zirconia Insert, SM, APC, Green SC
APL-QTR-S3S	6-strand SC, Zirconia Insert, SM, Blue SC
APL-QTR-S0	6-strand MTRJ, MM/SM (12 Fibers), MT-RJ
APL-QTR-SL50L	6-strand LC Duplex, PB Insert, MM, Aqua LC
APL-QTR-DL	6-strand LC Duplex, PB Insert, MM, Beige LC
APL-QTR-DLB	6-strand LC Duplex, PB Insert, MM/SM, Blue LC
AP3-QTR-QL50L	6-strand LC Quad, PB Insert, MM, Aqua LC
AP3-QTR-QL	6-strand LC Quad, PB Insert, MM, Beige LC
AP3-QTR-QLB	6-strand LC Quad, PB Insert, MM/SM, Blue LC
APL-QTR-DLS	6-strand LC Duplex, Zirconia Insert, SM, Blue LC
AP3-QTR-QLS	6-strand LC Quad, Zirconia Insert, SM, Blue LC

Fiber Optic Adapter Panels

Part #	Description
AP1-QTR-S6S	12-strand FC, Zirconia Insert, SM, FC
AP2-QTR-S6S	6-strand FC, Zirconia Insert, SM, FC
APB-QTR	Blank Filler Plate



Fiber Optic Products Enclosures

Cost-effective enclosure designs to connect and manage 12 to 24 fiber connections. Compact in design and allows for ease of access to fiber connections.

Wall Mount Enclosures

12 Port enclosures include 2 dummy panels, 2 adapter panels unloaded, 1 splice tray and 2 sets of full moon cable rings, wire management knockouts and locking door. 24 Port enclosures include 4 adapter panels unloaded, 2 splice trays and 2 full sets of cable full moon cable rings.



Part #	Description
NFO-2000	12 Port ST Enclosure
NFO-2001	12 Port SC Enclosure
NFO-2003	24 Port ST Enclosure
NFO-2004	24 Port SC Enclosure

Rack-Mount Enclosures

12 Port enclosures include 2 adapter panels unloaded, 1 splice tray and 2 sets of full moon cable rings. 24 Port enclosures include solid mounting tray for inserts, 2 splice trays and 2 sets of full moon cable rings.



Part #	Description
NFO-2006	12 Port 2 RMS ST Enclosure
NFO-2007	12 Port 2 RMS SC Enclosure
NFO-2009	24 Port 2 RMS ST Enclosure
NFO-2010	24 Port 2 RMS SC Enclosure



Fiber Optic Products Adapters



Part #	Description
NFO-3006	MTRJ M/M coupler
NFO-3007	LC duplex coupler
NFO-3008	Keystone jack coupler for MTRJ
NFO-3021	ST Simplex Multimode Feed-Thru Phosphorous Bronze Sleeve
NFO-3022	ST Duplex Multimode Feed-Thru Phosphorous Bronze Sleeve
NFO-3023	SC Simplex Multimode Feed-Thru Phosphorous Bronze Sleeve
NFO-3024	SC Duplex Multimode Feed-Thru Phosphorous Bronze Sleeve
NFO-3025	ST to SC Multimode Feed-Thru Phosphorous Bronze Sleeve

Fiber Optic Products Panels and Splice Trays

Fiber trays allow for protection to all cables.



Part #	Description
NFO-1006	Splice tray holds 6 fibers
NFO-2012	ST 6 port unloaded panel insert
NFO-2013	ST 2x3 port dual unloaded panel
NFO-2014	SC 6 port unloaded panel insert
NFO-2015	ST 6 port loaded panel insert
NFO-2016	ST 2x3 port dual loaded panel
NFO-2017	SC 6 Port loaded panel insert
NFO-2018	SC 2x3 port dual loaded panel

Fiber Optic Enclosures & Accessories

Part #	Description
NFO-5000	Rack mount - drawer only - manually telescopic - black
NFO-5002	2 Slot tray for rack mount drawer - includes complete set of splice trays - up to 12 ports - black
NFO-5003	3 Slot tray for rack mount drawer - includes complete set of splice trays - up to 18 ports - black
NFO-5024	24 Port ST/FC unloaded rack mount single set tray and drawer - includes complete set of splice trays - black
NFO-5124	48 Port rack mount dual SC tray and drawer - includes complete set of splice trays - black
NFO-5224	24 Port SC unloaded rack mount single set tray and drawer - includes complete set of splice trays - black
NFO-5216	16 Port rack mount single MTRJ tray and drawer - includes complete set of splice trays - black
NFO-6108	Wall mount fiber box for 8 ST adapter - lockable front door - includes complete set of splice trays - unloaded - black
NFO-6116	Wall mount fiber box for 16 ST adapter - lockable front door - includes complete set of splice trays - black
NFO-6308	Wall mount fiber box for 8 SC adapters - lockable front door - includes complete set of splice trays - unloaded - black
NFO-4002	Wall mount fiber box for 2 adapter panels - center opening locking doors - include complete set of splice trays - black
NFO-4003	Wall mount fiber box for 3 adapter panels - center opening locking doors - include complete set of splice trays - black
NFO-4004	Wall mount fiber box for 4 adapter panels - doors - complete set of splice trays - black
NFO-5012	6 ST adapter panels - unloaded
NFO-5014	4 Duplex ST/SC, ST/ST, SC/SC adapter panels - unloaded
NFO-5013	6 SC adapter panels - unloaded
NFO-5016	6 MTRJ adapter panels - unloaded
NFO-5015	6 FC adapter panels - unloaded
NFO-5011	Blank slot filler panel
NFO-5006	12 Splice tray for rack mount drawers or wall box
NFO-5007	Full moon D rings for rack mount drawer or wall box

12-Module Rack Mount Fiber Optic Products Enclosure

12-Module Fiber Optic Products enclosure contains all the features of the two-rack space model, but with additional capacity to manage fiber counts up to 144. Cable entry/exit feature utilizes a flexible grommet seal, which is cut at time of installation to accommodate the desired cable diameters for entry and exit points. These grommets provide a dust and debris barrier during and after installation.



Part #	Description
FST-12A	12-Fiber Aluminum Splice Tray
FST-24A	24-Fiber Aluminum Splice Tray
UFE12-B	7.00 x 19.0 x 13.0

Wall Mount Fiber Optic Enclosures

Enclosures manage, protect and organize fiber optic terminations for single and multi-mode fiber optic cables. Enclosures accept Signamax modules to accommodate a variety of connector interfaces and fiber counts. Enclosures and connector modules are ordered separately. Standard color is black. For beige, substitute "BE" for "B" in part number.



Part #	Description	Dimensions inches (H x W x D)
WFE2-B	2-Module Enclosure	9 x 10 x 3.50
WFE4-B	4-Module Enclosure	15 x 12 x 3.50

Slide-Out Rack Mount Fiber Optic Enclosures

Provides a simple, high-density solution for easy access and management of fiber optic terminations in a one-rack spaces design. Accommodates up to 24 fibers in ST, SC, MTRJ and LC connector interfaces. Equipped with slack-fiber storage spools, and comes complete with a number of cable management devices for organizing cables entering and exiting the panel.



Part #	Description	Dimensions (HxWxD) in.
SL2M-B	2-Module (12 to 24 Fibers) Enclosure	1.75 x 19.0 x 14.0
FST-2M-B	12 Fiber Splice Tray	-

4- and 6-Module Rack Mount Fiber Optic Enclosure

The four-rack space fiber optic enclosure contains all of the features of the two-rack space model, but with additional capacity to manage fiber counts up to 144. Cable entry/exit feature utilizes a flexible grommet seal, which is cut at time of installation to accommodate the desired cable diameters for entry and exit points. These grommets provide a dust and debris barrier during and after installation. All Signamax connector interface modules can be utilized in the four-rack space enclosure.



Part #	Description	Dimensions (HxWxD) in.
UFE4-B	4-Module	3.50 x 19.0 x 13.0
UFE6-B	6-Module	5.25 x 19.0 x 13.0

12-Port Multimedia Mini Wall Mount Panels

12-Port Multimedia Mini Wall Mount Panels are available pre-configured with Category 5e feed-thru or BNC feed-thru connectors. Panels can be provided with an 89D bracket for mounting or in a hinged version for easy access to the back of the panels.



Part #	Description
12M(CT)-FT	Panel with 89D Bracket
12MH(CT)-FT	Multimedia Hinged Panel



Multimedia Patch Panels

Multimedia panels are available pre-configured with F-Type or BNC feed-thru connectors. The female/female F-Type 75 ohm connectors are rated for 1 GHz performance. The BNC panels are provided female/female BNC feed-thru connectors.

Part #	Ports
12(CT)-FT	12-Port
16(CT)-FT	16-Port
24(CT)-FT	24-Port
32(CT)-FT	32-Port
48(CT)-FT	48-Port

Fiber Optic Connector Modules

Fiber optic connector interface plates for ST, SC, MT-RJ or LC coupling types. Connector modules are available in 6, 8 and 12 port configurations for fiber counts of up to 12 per connector module. ST, SC and LC connector plates can be provided with universal adapters suitable for both multimode and singlemode applications. A singlemode only version is available with adapters with zirconia ceramic sleeves. Module plates can be ordered with or without fiber couplings.



LC Connector Modules

Multimode/Singlemode connectors use phosphor bronze sleeve. Singlemode connectors use zirconia ceramic sleeve.

Part #	Description
UFE-B-06LC	6-Port (12 Fiber) LC SM/MM Module, Phosphor Bronze Sleeve
UFE-B-06LC-C	6-Port (12 Fiber) LC SM Module, Zirconia Ceramic Sleeve
UFE-B-08LC	8-Port (16 Fiber) LC SM/MM Module, Phosphor Bronze Sleeve
UFE-B-08LC-C	8-Port (16 Fiber) LC SM Module, Zirconia Ceramic Sleeve
UFE-B-06LC-B	6-Port LC Connector Module, No Connectors
UFE-B-08LC-B	8-Port LC Connector Module, No Connectors

MT-RJ Connector Modules

Part #	Description
UFE-B-06MTRJ	6-Port Duplex (12 Fiber) MT-RJ MM/SM Connector Module
UFE-B-08MTRJ	8-Port Duplex (16 Fiber) MT-RJ MM/SM Connector Module
UFE-B-06MTRJ-B	6-Port Duplex MT-RJ Module, No Connectors
UFE-B-08MTRJ-B	8-Port Duplex MT-RJ Module, No Connectors

SC Connector Modules

Multimode/Singlemode connectors use phosphor bronze sleeve. Singlemode connectors use zirconia ceramic sleeve.

Part #	Description
UFE-B-06SC	6-Port (6 Fiber) SC MM/SM Connector Module
UFE-B-06SC-C	6-Port (6 Fiber) SC SM Connector Module
UFE-B-08SC	8-Port (8 Fiber) SC MM/SM Connector Module
UFE-B-08SC-C	8-Port (8 Fiber) SC SM Connector Module
UFE-B-12SC	12-Port (12 Fiber) SC MM/SM Connector Module
UFE-B-12SC-C	12-Port (12 Fiber) SC SM Connector Module
UFE-B-06SC-B	6-Port SC Connector Module, No Connectors
UFE-B-08SC-B	8-Port SC Connector Module, No Connectors
UFE-B-12SC-B	12-Port SC Connector Module, No Connectors

ST Connector Modules

Multimode/Singlemode connectors use phosphor bronze sleeve. Singlemode connectors use zirconia ceramic sleeve.

Part #	Description
UFE-B-06ST	6-Port (6 Fiber) ST MM/SM Connector Module
UFE-B-06ST-C	6-Port (6 Fiber) ST SM Connector Module
UFE-B-08ST	8-Port (8 Fiber) ST MM/SM Connector Module
UFE-B-08ST-C	8-Port (8 Fiber) ST SM Connector Module
UFE-B-12ST	12-Port (12 Fiber) ST MM/SM Connector Module
UFE-B-12ST-C	12-Port (12 Fiber) ST SM Connector Module
UFE-B-06ST-B	6-Port ST Connector Module, No Connectors
UFE-B-08ST-B	8-Port ST Connector Module, No Connectors
UFE-B-12ST-B	12-Port ST Connector Module, No Connectors

Fiber Optic Feed-Thru Adapters

We have a variety of fiber optic adapters including ST, SC, LC and MT-RJ. ST and SC simplex and duplex adapters are available with a phosphor bronze sleeve for universal applications (MM/SM) and zirconia ceramic sleeve for singlemode requirements. The LC adapter fits the same cutout size as a simplex SC adapter and provides for higher densities. Available in both multimode and singlemode versions. The MT-RJ adapter is about 1/3 the size as a duplex SC adapter providing the same increased density as the LC. All SC, LC and MT-RJ adapters are provided with retaining clips for easy, snap-in mounting.



Part #	Description
FA-LCD02-B	LC Duplex MM/SM Adapter, Phosphor Bronze Sleeve, Beige
FA-LCD03-BU	LC Duplex SM Adapter, Zirconia Ceramic Sleeve, Blue
FA-MTRJ-B	MT-RJ MM/SM Adapter, Beige
FA-SCD02-B	SC Duplex MM/SM Adapter, Phosphor Bronze Sleeve, Beige
FA-SCD03-BU	SC Duplex SM Adapter, Zirconia Ceramic Sleeve, Blue
FA-SCS02-B	SC Simplex MM/SM Adapter, Phosphor Bronze Sleeve, Beige
FA-SCS03-BU	SC Simplex SM Adapter, Zirconia Ceramic Sleeve, Blue
FA-SCS01-B	SC MM Simplex Adapter, Polymer Sleeve, Beige
FA-SCD01-B	SC Duplex MM Adapter, Polymer Sleeve, Beige
FA-ST02	ST MM/SM Adapter with Phosphor Bronze Sleeve
FA-ST03	ST SM Adapter, Zirconia Ceramic Sleeve

Protect Your Investment!

Fiber Optic cables are often exposed to harsh environments—radiation, extreme heat, vibration, excessive cold, corrosion, etc. However, with the proper wire management system, your cables can be protected.



MTP Ribbon Trunk Cables

Featuring a 12-strand connector on each end, the MTP Ribbon Trunk Cables are designed to save valuable space in pipes and cable trays. They're 1/3 the size and weight of complimentary tight-buffered cables, with a smaller minimum bend radius that allows them to fit into tight spaces. Typically used for point-to-point applications. Available with either PVC (OFNR) or Plenum (OFNP) jackets. Available in single-mode and multi-mode fiber - ideal for smaller-scale backbone applications.

MTP-MTP	MTP-ST	MTP-SC	MTP-LC	Description
812-MM1-LLL	812-M11-LLL	812-M31-LLL	812-ML1-LLL	12-strand 62.5/125 MTP Ribbon Cable - PVC
812-MM2-LLL	812-M12-LLL	812-M32-LLL	812-ML2-LLL	12-strand 62.5/125 MTP Ribbon Cable - Plenum
812-MM1-LLL50	812-M11-LLL50	812-M31-LLL50	812-ML1-LLL50	12-strand 50/125 MTP Ribbon Cable - PVC
812-MM2-LLL50	812-M12-LLL50	812-M32-LLL50	812-ML2-LLL50	12-strand 50/125 MTP Ribbon Cable - Plenum
812-MM1-LLL50L	812-M21-LLL50L	812-M41-LLL50L	812-ML1-LLL50L	12-strand 50/125 LOMM MTP Ribbon Cable - PVC
812-MM2-LLL50L	812-M22-LLL50L	812-M42-LLL50L	812-ML2-LLL50L	12-strand 50/125 LOMM MTP Ribbon Cable - Plenum
812-MM1-LLLS	812-M21-LLLS	812-M41-LLLS	812-ML1-LLLS	12-strand 9/125 Single-Mode MTP Ribbon Cable - PVC
812-MM2-LLLS	812-M22-LLLS	812-M42-LLLS	812-ML2-LLLS	12-strand 9/125 Single-Mode MTP Ribbon Cable - Plenum

MTP Trunk Cables

Pre-terminated trunking solutions provide an efficient way to install a large amount of fibers quickly - plus they can easily be unplugged, recoiled and reused. Offering optical trunks for point-to-point cabling or large-scale data center infrastructures, these MTP Trunks also provide high-density interconnections in the most compact package available - with multi-fiber assemblies that are up to 30% smaller in cross-sectional area and weight. xx = strand count (in increments of 12). t = cable type: 1 (ribbon riser), 2 (ribbon plenum), M (250um reduced diameter riser) or MP (250um reduced diameter plenum).

MTP-MTP	MTP-ST	MTP-SC	MTP-LC	Description
8xx-MMt-LLL	8xx-M1t-LLL	8xx-M3t-LLL	8xx-MLt-LLL	62.5/125 MTP Trunk Cable
8xx-MMt-LLL50	8xx-M1t-LLL50	8xx-M3t-LLL50	8xx-MLt-LLL50	50/125 MTP Trunk Cable
8xx-MMt-LLL50L	8xx-M2t-LLL50L	8xx-M4t-LLL50L	8xx-MLt-LLL50L	50/125 LOMM MTP Trunk Cable
8xx-MMt-LLLS	8xx-M2t-LLLS	8xx-M4t-LLLS	8xx-MLt-LLLS	9/125 Single-Mode MTP Trunk Cable

MTP Ribbon Fan-Out Harness Cables

Manufactured with a single connector on one end which then breaks out into 12 connectors. Using the latest polishing and termination technology and providing superior test results, these factory-terminated cables offer the reliability that field termination simply can't provide. Available with either PVC (OFNR) or Plenum (OFNP) jackets. Available in single-mode and multi-mode fiber.

MTP-ST	MTP-SC	MTP-LC	Description
812-M12-LLLH	812-M32-LLLH	812-ML12-LLLH	12-strand 62.5/125 MTP Harness
812-M12-LLL50H	812-M32-LLL50H	812-ML2-LLL50H	12-strand 50/125 MTP Harness
812-M22-LLL50LH	812-M42-LLL50LH	812-ML2-LLL50LH	12-strand 50/125 LOMM MTP Harness
812-M22-LLL50SH	812-M42-LLL50SH	812-ML2-LLL50SH	12-strand 9/125 Single-Mode MTP Harness

3 Basic Kinds of Fiber Optic Cables



1. Plastic Fiber—The most common for high-end audio and called "Toslink". This fiber has a diameter of 900 μm or almost 1 mm.
2. Multimode Fiber—Made of glass and comes in various diameters. The most popular is 62.5 μm , followed by 50 μm .
3. Single Mode Fiber—Considered the king of fiber and performance with a diameter of 8 μm . It is so small, you need a microscope to see it, thus it is very hard and expensive to connectorize compared to the other two types of fiber.



MTP® Fiber Cable Solutions

High performance, high density MTP cable solutions can replace up to 12 fiber connectors with one single ferrule reducing installation time and labor costs. Available in fiber counts from 12 - 144. Factory tested for insertion loss. Compact push-pull locking mechanism. Reduces installation time and costs. PC polish for multimode fiber; APC polish for singlemode fiber. Ribbon cables are 1/3 the size of tight buffered fiber optic cables, which enables them to fit into tight spaces and have a smaller minimum bend radius. Meets TIA/EIA 604-5 (FOCIS-5) standard for MPO/MTP connectors. 12 Strand count - Also available in 24, 48 and 72 strand - Change the first three numbers accordingly: 824, 848, 872.

MTP Ribbon Trunk Cables - 12 Strand Count

MTP-ST	MTP-SC	MTP-FC	MTP-LC	Description
812-M21-LLLM	812-M41-LLLM	812-M61-LLLM	812-M1-LLLM	62.5/125 MTP-MTP Ribbon PVC
812-M22-LLLM	812-M42-LLLM	812-M62-LLLM	812-ML2-LLLM	62.5/125 MTP-MTP Ribbon-Plenum
812-M21-LLL50	812-M41-LLL50	812-M61-LLL50	812-ML1-LLL50	50/125 MTP-MTP Ribbon-PVC
812-M22-LLL50	812-M42-LLL50	812-M62-LLL50	812-ML2-LLL50	50/125 MTP-MTP Ribbon-PVC
812-M21-LLL50L	812-M41-LLL50L	812-M61-LLL50L	812-ML1-LLL50L	50/125 LOMM MTP-MTP Ribbon-PVC
812-M22-LLL50L	812-M42-LLL50L	812-M62-LLL50L	812-ML2-LLL50L	50/125 LOMM MTP-MTP Ribbon-PVC
812-M21-LLLS	812-M41-LLLS	812-M61-LLLS	812-ML1-LLLS	9/125 MTP-MTP Ribbon-PVC
812-M22-LLLS	812-M42-LLLS	812-M62-LLLS	812-ML2-LLLS	9/125 LOMM MTP-MTP Ribbon-Plenum

MTP MIC Harness Cables

MTP-ST	MTP-SC	MTP-FC	MTP-LC	Description
812-M21M-LLLMH	812-M41M-LLLMH	812-M61M-LLLMH	812-M61M-LLLMH	62.5/125 MTP-MTP MIC-PVC
812-M22M-LLLMH	812-M42M-LLLMH	812-M62M-LLLMH	812-M62M-LLLMH	62.5/125 MTP-MTP MIC-Plenum
812-M21M-LLL50H	812-M41M-LLL50H	812-M61M-LLL50H	812-M61M-LLL50H	50/125 MTP-MTP MIC-PVC
812-M22M-LLL50H	812-M42M-LLL50H	812-M62M-LLL50H	812-M62M-LLL50H	50/125 MTP-MTP MIC-Plenum
812-M21M-LLL50LH	812-M41M-LLL50LH	812-M61M-LLL50LH	812-M61M-LLL50LH	50/125 LOMM MTP-MTP MIC-PVC
812-M22M-LLL50LH	812-M42M-LLL50LH	812-M62M-LLL50LH	812-M62M-LLL50LH	50/125 LOMM MTP-MTP MIC-PVC
812-M21M-LLLSH	812-M41M-LLLSH	812-M61M-LLLSH	812-M61M-LLLSH	9/125 MTP-MTP MIC-PVC
812-M22M-LLLSH	812-M42M-LLLSH	812-M62M-LLLSH	812-M62M-LLLSH	9/125 LOMM MTP-MTP MIC-Plenum

MTP MIC Trunk Cables

MTP-ST	MTP-SC	MTP-FC	MTP-LC	Description
812-M21M-LLLM	812-M41M-LLLM	812-M61M-LLLM	812-ML1M-LLLM	62.5/125 MTP-MTP MIC-PVC
812-M22M-LLLM	812-M42M-LLLM	812-M62M-LLLM	812-ML2M-LLLM	62.5/125 MTP-MTP MIC-Plenum
812-M21M-LLL50	812-M41M-LLL50	812-M61M-LLL50	812-ML1M-LLL50	50/125 MTP-MTP MIC-PVC
812-M22M-LLL50	812-M42M-LLL50	812-M62M-LLL50	812-ML2M-LLL50	50/125 MTP-MTP MIC-Plenum
812-M21M-LLL50L	812-M41M-LLL50L	812-M61M-LLL50L	812-ML1M-LLL50L	50/125 LOMM MTP-MTP MIC-PVC
812-M22M-LLL50L	812-M42M-LLL50L	812-M62M-LLL50L	812-ML2M-LLL50L	50/125 LOMM MTP-MTP MIC-PVC
812-M21M-LLLS	812-M41M-LLLS	812-M61M-LLLS	812-ML1M-LLLS	9/125 MTP-MTP MIC-PVC
812-M22M-LLLS	812-M42M-LLLS	812-M62M-LLLS	812-ML2M-LLLS	9/125 LOMM MTP-MTP MIC-Plenum

Mode Conditioning Patch Cables

Designed to use in Gigabit Ethernet 1000Base-LX applications. Fully compliant with IEEE802.3z application standards. Needed in applications where new high speed Gigabit 1000Base-LX routers and switches are being deployed into existing multimode plants. Mode is 62.5/125µm. Assembled with FIS zirconia ferrule connectors. Masks Differential Mode Delay (DMD) effects. Lifetime warranty.

Part #	Length (ft)	Connector A	Connector B
810-242-003	1M	SC	ST
810-242-006	2M	SC	ST

Mode Conditioning Patch Cables (cont.)

Part #	Length (ft)	Connector A	Connector B
810-242-009	3M	SC	ST
810-242-017	5M	SC	ST
810-242-033	10M	SC	ST
810-442-003	1M	SC	SC
810-442-006	2M	SC	SC
810-442-009	3M	SC	SC
810-442-033	10M	SC	SC



62.5/125µ Multimode Fiber Optic Patch Cords

Manufactured utilizing Corning recommended assembly and polishing procedures. These 62.5µ cables are made from leading manufacturers of fiber cables and connectors and are visually inspected at 400x magnification and optically performance tested for insertion loss and return loss thresholds that meet or exceed industry standards.

Corning 62.5µ Multimode Fiber Jumpers

	ST	SC	MTRJ	LC	ESCON
ST	825-112-LLL	825-132-LLL	826-012-LLL	825-L12-LLL	825-E12-LLL
SC	825-132-LLL	825-332-LLL	826-032-LLL	825-L32-LLL	825-E32-LLL
MTRJ	826-012-LLL	826-032-LLL	826-002-LLL	826-0L2-LLL	826-0E2-LLL
LC	825-L12-LLL	825-L32-LLL	826-0L2-LLL	825-LL2-LLL	825-EL2-LLL
ESCON	825-E12-LLL	825-E32-LLL	826-0E2-LLL	825-EL2-LLL	825-EE2-LLL

QuikConnect 62.5µ Multimode Fiber Jumpers

	ST	SC	MTRJ	LC	ESCON
ST	820-112-LLL	820-132-LLL	821-012-LLL	820-L12-LLL	820-E12-LLL
SC	820-132-LLL	820-332-LLL	821-032-LLL	820-L32-LLL	820-E32-LLL
MTRJ	821-012-LLL	821-032-LLL	821-002-LLL	821-0L2-LLL	821-0E2-LLL
LC	820-L12-LLL	820-L32-LLL	821-0L2-LLL	820-LL2-LLL	820-EL2-LLL
ESCON	820-E12-LLL	820-E32-LLL	821-0E2-LLL	820-EL2-LLL	820-EE2-LLL

Economy 62.5µ Multimode Fiber Jumpers

	ST	SC	MTRJ	LC
ST	810-112-LLL	810-132-LLL	811-012-LLL	810-L12-LLL
SC	810-132-LLL	810-332-LLL	811-032-LLL	810-L32-LLL
MTRJ	811-012-LLL	811-032-LLL	811-002-LLL	811-0L2-LLL
LC	810-L12-LLL	810-L32-LLL	811-0L2-LLL	810-LL2-LLL

Plenum Rated Corning 62.5µ Multimode Fiber Jumpers

	ST	SC	MTRJ	LC	ESCON
ST	825-114-LLL	825-134-LLL	826-014-LLL	825-L14-LLL	825-E14-LLL
SC	825-134-LLL	825-334-LLL	826-034-LLL	825-L34-LLL	825-E34-LLL
MTRJ	826-014-LLL	826-034-LLL	826-004-LLL	826-0L4-LLL	826-0E4-LLL
LC	825-L14-LLL	825-L34-LLL	826-0L4-LLL	825-LL4-LLL	825-EL4-LLL
ESCON	825-E14-LLL	825-E34-LLL	826-0E4-LLL	825-EL4-LLL	825-EE4-LLL

Plenum Rated QuikConnect 62.5µ Multimode Fiber Jumpers

	ST	SC	MTRJ	LC	ESCON
ST	820-114-LLL	820-134-LLL	821-014-LLL	820-L14-LLL	820-E14-LLL
SC	820-134-LLL	820-334-LLL	821-034-LLL	820-L34-LLL	820-E34-LLL
MTRJ	821-014-LLL	821-034-LLL	821-004-LLL	821-0L4-LLL	821-0E4-LLL
LC	820-L14-LLL	820-L34-LLL	821-0L4-LLL	820-LL4-LLL	820-EL4-LLL
ESCON	820-E14-LLL	820-E34-LLL	821-0E4-LLL	820-EL4-LLL	820-EE4-LLL

50/125µ Multimode Fiber Optic Patch Cords

Made utilizing Corning recommended assembly and polishing procedures. 50µ fiber cables provide up to three times the bandwidth of standard 62.5µ cables. Ideal for 10 Gig Ethernet, storage area networks, high-speed interconnect applications.

Corning 50µ Multimode Fiber Jumpers

	ST	SC	MTRJ	LC	ESCON
ST	830-112-LLL	830-132-LLL	831-012-LLL	830-L12-LLL	830-E12-LLL
SC	830-132-LLL	830-332-LLL	831-032-LLL	830-L32-LLL	830-E32-LLL
MTRJ	831-012-LLL	831-032-LLL	831-002-LLL	831-0L2-LLL	831-0E2-LLL
LC	830-L12-LLL	830-L32-LLL	831-0L2-LLL	830-LL2-LLL	830-EL2-LLL
ESCON	830-E12-LLL	830-E32-LLL	831-0E2-LLL	830-EL2-LLL	830-EE2-LLL



50/125µ Multimode Fiber Optic Patch Cords (cont.)

QuikConnect 50µ Multimode Fiber Jumpers

	ST	SC	MTRJ	LC	ESCON
ST	822-112-LLL	822-132-LLL	823-012-LLL	822-L12-LLL	822-E12-LLL
SC	822-132-LLL	822-332-LLL	823-032-LLL	822-L32-LLL	822-E32-LLL
MTRJ	823-012-LLL	823-032-LLL	823-002-LLL	823-0L2-LLL	823-0E2-LLL
LC	822-L12-LLL	822-L32-LLL	823-0L2-LLL	822-LL2-LLL	822-EL2-LLL
ESCON	822-E12-LLL	822-E32-LLL	823-0E2-LLL	822-EL2-LLL	822-EE2-LLL

Economy 50µ Multimode Fiber Jumpers

	ST	SC	MTRJ	LC
ST	850-112-LLL	850-132-LLL	851-012-LLL	850-L12-LLL
SC	850-132-LLL	850-332-LLL	851-032-LLL	850-L32-LLL
MTRJ	851-012-LLL	851-032-LLL	851-002-LLL	851-0L2-LLL
LC	850-L12-LLL	850-L32-LLL	851-0L2-LLL	850-LL2-LLL

Plenum Rated Corning 50µ Multimode Fiber Jumpers

	ST	SC	MTRJ	LC	ESCON
ST	830-114-LLL	830-134-LLL	831-014-LLL	830-L14-LLL	830-E14-LLL
SC	830-134-LLL	830-334-LLL	831-034-LLL	830-L34-LLL	830-E34-LLL
MTRJ	831-014-LLL	831-034-LLL	831-004-LLL	831-0L4-LLL	831-0E4-LLL
LC	830-L14-LLL	830-L34-LLL	831-0L4-LLL	830-LL4-LLL	830-EL4-LLL
ESCON	830-E14-LLL	830-E34-LLL	831-0E4-LLL	830-EL4-LLL	830-EE4-LLL

Plenum Rated QuikConnect 50µ Multimode Fiber Jumpers

	ST	SC	MTRJ	LC	ESCON
ST	822-114-LLL	822-134-LLL	823-014-LLL	822-L14-LLL	822-E14-LLL
SC	822-134-LLL	822-334-LLL	823-034-LLL	822-L34-LLL	822-E34-LLL
MTRJ	823-014-LLL	823-034-LLL	823-004-LLL	823-0L4-LLL	823-0E4-LLL
LC	822-L14-LLL	822-L34-LLL	823-0L4-LLL	822-LL4-LLL	822-EL4-LLL
ESCON	822-E14-LLL	822-E34-LLL	823-0E4-LLL	822-EL4-LLL	822-EE4-LLL

50/125µ Laser-Optimized Multimode Fiber Optic Patch Cords

Get blazing-fast 10-Gigabit performance with laser-optimized 50/125 multimode fiber patch cords from Quiktron. Laser-optimized multimode fiber (LOMNF) cables provide backward compatibility with existing 50/125 equipment while providing the performance headroom required to support laser light sources and 10-Gigabit applications. Custom lengths and multi-fiber assemblies also are available.

Corning Laser-Optimized Aqua Multimode Fiber Jumpers

	ST	SC	MTRJ	LC
ST	832-222-LLL	832-242-LLL	833-022-LLL	832-L22-LLL
SC	832-242-LLL	832-442-LLL	833-042-LLL	832-L42-LLL
MTRJ	833-022-LLL	833-042-LLL	833-002-LLL	833-0L2-LLL
LC	832-L22-LLL	832-L42-LLL	833-0L2-LLL	832-LL2-LLL

QuikConnect Laser-Optimized Aqua Multimode Fiber Jumpers

	ST	SC	MTRJ	LC
ST	842-222-LLL	842-242-LLL	843-022-LLL	842-L22-LLL
SC	842-242-LLL	842-442-LLL	843-042-LLL	842-L42-LLL
MTRJ	843-022-LLL	843-042-LLL	843-002-LLL	843-0L2-LLL
LC	842-L22-LLL	842-L42-LLL	843-0L2-LLL	842-LL2-LLL



50/125µ Laser-Optimized Multimode Fiber Optic Patch Cords (cont.)

Plenum Rated Corning Laser-Optimized Aqua Multimode Fiber Jumpers

	ST	SC	MTRJ	LC
ST	832-224-LLL	832-244-LLL	833-024-LLL	832-L24-LLL
SC	832-244-LLL	832-444-LLL	833-044-LLL	832-L44-LLL
MTRJ	833-024-LLL	833-044-LLL	833-004-LLL	833-0L4-LLL
LC	832-L24-LLL	832-L44-LLL	833-0L4-LLL	832-LL4-LLL

Plenum Rated QuikConnect Laser-Optimized Aqua Multimode Fiber Jumpers

	ST	SC	MTRJ	LC
ST	842-224-LLL	842-244-LLL	843-024-LLL	842-L24-LLL
SC	842-244-LLL	842-444-LLL	843-044-LLL	842-L44-LLL
MTRJ	843-024-LLL	843-044-LLL	843-004-LLL	843-0L4-LLL
LC	842-L24-LLL	842-L44-LLL	843-0L4-LLL	842-LL4-LLL

9/125µ Single-mode Fiber Optic Patch Cords

Provide high bandwidth and transmission rates and support longer distances. Perfect for use with today's high speed networks while providing headroom for tomorrow's higher bandwidth requirements. Made from leading manufacturers of fiber cables and connectors. Consistent high quality jumpers are constructed using a controlled machine polish finish for consistent, low-loss connections.

Corning 9µ Single-mode Fiber Jumpers

		FC	FC/APC	LC	MTRJ	SC	SC/APC	ST
FC	Simplex	825-665-LLL	825-695-LLL	825-L65-LLL	-	825-465-LLL	825-685-LLL	825-265-LLL
FC	Duplex	825-667-LLL	825-697-LLL	825-L67-LLL	826-067-LLL	825-467-LLL	825-687-LLL	825-267-LLL
FC/APC	Simplex	825-695-LLL	825-995-LLL	825-L95-LLL	-	825-495-LLL	825-895-LLL	825-295-LLL
FC/APC	Duplex	825-697-LLL	825-997-LLL	825-L97-LLL	826-097-LLL	825-497-LLL	825-897-LLL	825-297-LLL
LC	Simplex	825-L65-LLL	825-L95-LLL	825-LL5-LLL	-	825-L45-LLL	825-L85-LLL	825-L25-LLL
LC	Duplex	825-L67-LLL	825-L97-LLL	825-LL7-LLL	826-0L7-LLL	825-L47-LLL	825-L87-LLL	825-L27-LLL
MTRJ	Duplex	826-067-LLL	826-097-LLL	826-0L7-LLL	826-007-LLL	826-047-LLL	826-087-LLL	826-027-LLL
SC	Simplex	825-465-LLL	825-495-LLL	825-L45-LLL	-	825-445-LLL	825-485-LLL	825-245-LLL
SC	Duplex	825-467-LLL	825-497-LLL	825-L47-LLL	826-047-LLL	825-447-LLL	825-487-LLL	825-247-LLL
SC/APC	Simplex	825-685-LLL	825-695-LLL	825-L85-LLL	-	825-485-LLL	825-885-LLL	825-285-LLL
SC/APC	Duplex	825-687-LLL	825-697-LLL	825-L87-LLL	826-087-LLL	825-487-LLL	825-887-LLL	825-287-LLL
ST	Simplex	825-265-LLL	825-295-LLL	825-L25-LLL	-	825-245-LLL	825-285-LLL	825-225-LLL
ST	Duplex	825-267-LLL	825-297-LLL	825-L27-LLL	826-027-LLL	825-247-LLL	825-287-LLL	825-227-LLL

QuikConnect 9µ Single-mode Fiber Jumpers

		FC	FC/APC	LC	MTRJ	SC	SC/APC	ST
FC	Simplex	820-665-LLL	820-695-LLL	820-L65-LLL	-	820-465-LLL	820-685-LLL	820-265-LLL
FC	Duplex	820-667-LLL	820-697-LLL	820-L67-LLL	822-067-LLL	820-467-LLL	820-687-LLL	820-267-LLL
FC/APC	Simplex	820-695-LLL	820-995-LLL	820-L95-LLL	-	820-495-LLL	820-895-LLL	820-295-LLL
FC/APC	Duplex	820-697-LLL	820-997-LLL	820-L97-LLL	822-097-LLL	820-497-LLL	820-897-LLL	820-297-LLL
LC	Simplex	820-L65-LLL	820-L95-LLL	820-LL5-LLL	-	820-L45-LLL	820-L85-LLL	820-L25-LLL
LC	Duplex	820-L67-LLL	820-L97-LLL	820-LL7-LLL	822-0L7-LLL	820-L47-LLL	820-L87-LLL	820-L27-LLL
MTRJ	Duplex	822-067-LLL	822-097-LLL	822-0L7-LLL	822-007-LLL	822-047-LLL	822-087-LLL	822-027-LLL
SC	Simplex	820-465-LLL	820-495-LLL	820-L45-LLL	-	820-445-LLL	820-485-LLL	820-245-LLL
SC	Duplex	820-467-LLL	820-497-LLL	820-L47-LLL	822-047-LLL	820-447-LLL	820-487-LLL	820-247-LLL
SC/APC	Simplex	820-685-LLL	820-695-LLL	820-L85-LLL	-	820-485-LLL	820-885-LLL	820-285-LLL
SC/APC	Duplex	820-687-LLL	820-697-LLL	820-L87-LLL	822-087-LLL	820-487-LLL	820-887-LLL	820-287-LLL
ST	Simplex	820-265-LLL	820-295-LLL	820-L25-LLL	-	820-245-LLL	820-285-LLL	820-225-LLL
ST	Duplex	820-267-LLL	820-297-LLL	820-L27-LLL	822-027-LLL	820-247-LLL	820-287-LLL	820-227-LLL



9/125µ Single-mode Fiber Optic Patch Cords (cont.)

Economy 9µ Single-mode Fiber Jumpers

		FC	LC	MTRJ	SC	ST
FC	Simplex	810-L65-LLL	-	-	-	-
FC	Duplex	810-667-LLL	-	811-067-LLL	810-467-LLL	810-267-LLL
LC	Simplex	-	810-LL7-LLL	811-0L7-LLL	810-L47-LLL	810-L27-LLL
MTRJ	Duplex	811-067-LLL	811-0L7-LLL	811-007-LLL	810-047-LLL	811-027-LLL
SC	Simplex	-	-	-	810-445-LLL	-
SC	Duplex	810-467-LLL	810-L47-LLL	811-047-LLL	810-447-LLL	810-247-LLL
ST	Duplex	810-267-LLL	810-L27-LLL	811-027-LLL	810-247-LLL	810-227-LLL

9/125µ Single-mode Plenum Rated Fiber Optic Patch Cords

Full line of plenum rated single-mode jumpers provide high bandwidth and transmission rates and support longer distances. Perfect for use with today's high speed networks while providing headroom for tomorrow's higher bandwidth requirements. Made from leading manufacturers of fiber cabling and connectors. Consistent high quality jumpers are constructed using a controlled machine polish finish for consistent, low-loss connections.

Corning 9µ Plenum Rated Single-mode Fiber Jumpers

		FC	FC/APC	LC	MTRJ	SC	SC/APC	ST
FC	Simplex	825-666-LLL	825-696-LLL	825-L66-LLL	-	825-466-LLL	825-686-LLL	825-266-LLL
FC	Duplex	825-668-LLL	825-698-LLL	825-L68-LLL	826-068-LLL	825-468-LLL	825-688-LLL	825-268-LLL
FC/APC	Simplex	825-696-LLL	825-996-LLL	825-L96-LLL	-	825-496-LLL	825-896-LLL	825-296-LLL
FC/APC	Duplex	825-698-LLL	825-998-LLL	825-L98-LLL	826-098-LLL	825-498-LLL	825-898-LLL	825-298-LLL
LC	Simplex	825-L66-LLL	825-L96-LLL	825-LL6-LLL	-	825-L46-LLL	825-L86-LLL	825-L26-LLL
LC	Duplex	825-L68-LLL	825-L98-LLL	825-LL8-LLL	826-0L8-LLL	825-L48-LLL	825-L88-LLL	825-L28-LLL
MTRJ	Duplex	826-068-LLL	826-098-LLL	826-0L8-LLL	826-008-LLL	826-048-LLL	826-088-LLL	826-028-LLL
SC	Simplex	825-466-LLL	825-496-LLL	825-L46-LLL	-	825-446-LLL	825-486-LLL	825-246-LLL
SC	Duplex	825-468-LLL	825-498-LLL	825-L48-LLL	826-048-LLL	825-448-LLL	825-488-LLL	825-248-LLL
SC/APC	Simplex	825-686-LLL	825-896-LLL	825-L86-LLL	-	825-486-LLL	825-886-LLL	825-286-LLL
SC/APC	Duplex	825-688-LLL	825-898-LLL	825-L88-LLL	826-088-LLL	825-488-LLL	825-888-LLL	825-288-LLL
ST	Simplex	825-266-LLL	825-296-LLL	825-L26-LLL	-	825-246-LLL	825-286-LLL	825-226-LLL
ST	Duplex	825-268-LLL	825-298-LLL	825-L28-LLL	826-028-LLL	825-248-LLL	825-288-LLL	825-228-LLL

QuikConnect 9µ Plenum Rated Single-mode Fiber Jumpers

		FC	FC/APC	LC	MTRJ	SC	SC/APC	ST
FC	Simplex	820-666-LLL	820-696-LLL	820-L66-LLL	-	820-466-LLL	820-686-LLL	820-266-LLL
FC	Duplex	820-668-LLL	820-698-LLL	820-L68-LLL	822-068-LLL	820-468-LLL	820-688-LLL	820-268-LLL
FC/APC	Simplex	820-696-LLL	820-996-LLL	820-L96-LLL	-	820-496-LLL	820-896-LLL	820-296-LLL
FC/APC	Duplex	820-698-LLL	820-998-LLL	820-L98-LLL	822-098-LLL	820-498-LLL	820-898-LLL	820-298-LLL
LC	Simplex	820-L66-LLL	820-L96-LLL	820-LL6-LLL	-	820-L46-LLL	820-L86-LLL	820-L26-LLL
LC	Duplex	820-L68-LLL	820-L98-LLL	820-LL8-LLL	822-0L8-LLL	820-L48-LLL	820-L88-LLL	820-L28-LLL
MTRJ	Duplex	822-068-LLL	822-098-LLL	822-0L8-LLL	822-008-LLL	822-048-LLL	822-088-LLL	822-028-LLL
SC	Simplex	820-466-LLL	820-496-LLL	820-L46-LLL	-	820-446-LLL	820-486-LLL	820-246-LLL
SC	Duplex	820-468-LLL	820-498-LLL	820-L48-LLL	822-048-LLL	820-448-LLL	820-488-LLL	820-248-LLL
SC/APC	Simplex	820-686-LLL	820-696-LLL	820-L86-LLL	-	820-486-LLL	820-886-LLL	820-286-LLL
SC/APC	Duplex	820-688-LLL	820-698-LLL	820-L88-LLL	822-088-LLL	820-488-LLL	820-888-LLL	820-288-LLL
ST	Simplex	820-266-LLL	820-296-LLL	820-L26-LLL	-	820-246-LLL	820-286-LLL	820-226-LLL
ST	Duplex	820-268-LLL	820-298-LLL	820-L28-LLL	822-028-LLL	820-248-LLL	820-288-LLL	820-228-LLL

Choose Fiber Optic Cables...

- To properly avoid a noisy environment, such as an industrial setting, since copper cable can't
- For the needed bandwidth that can't be met without excessive cost on available copper transmission lines
- For the distance required





Fiber Optic Patch Cords

Suited for equipment jumper cable, cross connects, and work area connections. Manufactured using OFNR riser grade cable and are 100% factory tested to ensure performance to TIA/EIA-568-B-3 standards. ST/ST, SC/SC, hybrid ST/SC, MT-RJ, LC to ST and SC Patch Cords are available in both multimode (62.5/125µm and 50/125µm) and singlemode cable-types, in duplex and simplex versions. L = length in meters: 1, 2, 3, 5, 7. Other lengths available.



Part #	Description	Type
FC-8/8-LM	MT-RJ to MT-RJ Duplex Multimode Patch Cord, 62.5/125	MT-RJ
FC-2/2-LM	ST to ST Duplex Multimode Patch Cord, 62.5/125	ST Multimode
FC9S-4/2-LM	SC to ST Simplex Singlemode Patch Cord, 9/125	SC/ST Singlemode
FC-4/4-LM	SC to SC Duplex Multimode Patch Cord, 62.5/125	SC Multimode
FC50-2/2-LM	ST to ST Duplex Multimode Patch Cord, 50/125	ST Multimode
FC50-8/8-LM	MT-RJ to MT-RJ Duplex Multimode Patch Cord, 62.5/125	MT-RJ
FCS-4/2-LM	SC to ST Duplex Singlemode Patch Cord, 9/125	SC/ST Singlemode
FC50-4/4-LM	SC to SC Duplex Multimode Patch Cord, 50/125	SC Multimode
FC-8/2-LM	MT-RJ to ST Duplex Multimode Patch Cord, 62.5/125	MT-RJ/ST
FC-4/2-LM	SC to ST Duplex Multimode Patch Cord, 62.5/125	SC/ST Multimode
FC-9/2-LM	LC to ST Duplex Multimode Patch Cord, 62.5/125	LC/ST Multimode
FC50-8/2-LM	MT-RJ to ST Duplex Multimode Patch Cord, 50/125	MT-RJ/ST
FC50-9/2-LM	LC to ST Duplex Multimode Patch Cord, 50/125	LC/ST Multimode
FC50-4/2-LM	SC to ST Duplex Multimode Patch Cord, 50/125	SC/ST Multimode
FCS-2/2-LM	ST to ST Duplex Singlemode Patch Cord, 9/125	ST Singlemode
FC-9/4-LM	LC to SC Duplex Multimode Patch Cord, 62.5/125	LC/SC Multimode
FC-8/4-LM	MT-RJ to SC Duplex Multimode Patch Cord, 62.5/125	MT-RJ/SC
FC9S-2/2-LM	ST to ST Simplex Singlemode Patch Cord, 9/125	ST Singlemode
FC50-9/4-LM	LC to SC Duplex Multimode Patch Cord, 50/125	LC/SC Multimode
FC50-8/4-LM	MT-RJ to SC Duplex Multimode Patch Cord, 50/125	MT-RJ/SC
FCS-9/9-LM	LC to LC Duplex Singlemode Patch Cord, 9/125	LC Singlemode
FCS-4/4-LM	SC to SC Duplex Singlemode Patch Cord, 9/125	SC Singlemode
FC9S-4/4-LM	SC to SC Simplex Singlemode Patch Cord, 9/125	SC Singlemode

Fiber Optic Duplex Multimode Jumper Cables

These high performance fiber jumper cables are perfect for connecting a computer to a network. This is the ultimate solution for high speed data transmissions. With an almost limitless bandwidth, fiber optic cable offers a superior solution to copper. XX = Available Length in Meters



Part #	Type	Available Lengths
FIB-1000-(XX)M	ST/ST	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 20, 30, 35, 45
FIB-2000-(XX)M	FDDI/FDDI	5, 9, 12
FIB-3000-(XX)M	FDDI/ST	5, 9, 10, 20
FIB-3500-(XX)M	FDDI/SC	1, 2, 3, 5, 6, 10, 15, 23, 26, 30, 50
FIB-4000-(XX)M	SC/SC	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 15, 16, 20, 25, 30, 35, 40, 45, 50, 60
FIB-5000-(XX)M	ST/SC	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 18, 20, 30, 45
FIB-LCLC-(XX)M	LC/LC	1, 2, 3, 5, 6, 7, 10, 15, 20, 25, 30
FIB-LCSC-(XX)M	LC/SC	1, 2, 3, 5, 10, 15, 20, 30, -40
FIB-LCST-(XX)M	LC/ST	1, 2, 3, 5, 10, 15, 20
FIB-MTRJ-(XX)M	MTRJ/MTRJ	1, 2, 3, 5, 6, 8, 9, 10, 15, 50
FIB-MTRJSC-(XX)M	MTRJ/SC	1, 2, 3, 5, 10, 30
FIB-MTRJST-(XX)M	MTRJ/ST	1, 2, 3, 4, 5, 7, 10, 20

Fiber Optic Duplex Singlemode Jumper Cables

These singlemode fiber cables provide the reliability and distance your high speed network needs. Up to 1Gbps transfer rates. XX = Available Lengths in Meters



Part #	Type	Available Lengths
FIB-SM-1000-(XX)M	ST/ST	1, 2, 3, 20
FIB-SM-4000-(XX)M	SC/SC	1, 2, 3, 5, 6, 7, 8, 9, 10, 12, 15, 17, 33, 99
FIB-SM-MTRJ-(XX)M	MTRJ/MTRJ	2, 5, 10
FIB-SM-5000-(XX)M	ST/SC	1, 2, 3, 6, 10, 12
FIB-SM-LCSC-(XX)M	LC/SC	1, 3
FIB-SM-LCST-(XX)M	LC/ST	1, 3
FIB-SM-MTRJSC-(XX)M	MTRJ/SC	2, 5, 10



Fiber Optic Adapters

Part #	Description
514736	SC to SC, duplex
514767	SC to ST duplex



Fiber Optic Cables

Tested for quality. All cables are designed and built in ISO certified and UL approved plants. Guarantee of quality workmanship and materials.

ST/ST	SC/ST	SC/SC	ST/MTRJ	SC/MTRJ	LC/SC	LC/LC	LC/ST	Length
515757	515788	515818	516105	516051	471251	470308	471305	3.5 ft.
515764	515795	515825	516112	516068	471268	470315	471312	7 ft.
511216	510349	511308	511575	511377	471275	470322	471329	10 ft.
510325	510356	510332	516136	516082	471282	470339	471336	17 ft.
515771	515801	515832	516143	516099	471299	471244	471343	33 ft.



Fiber Termination Simplified with Lightstar™

Quest Technology International has simplified fiber termination with its new LightStar™ Fiber Optic Products. LightStar™ employs Impact Mount Technology—a unique patented design that assures reliable terminations time after time by securing the glass fiber within the metal ferrule. This termination technology encompasses ST, SC, SMA and splice hardware for both single mode and multimode fiber optic cables. LightStar™ creates highly reliable connections quicker and easier than epoxy or other epoxyless connectors. Total installation can be less than two minutes.

LightStar™ includes the industry's only complete tool kit for installation, maintenance and repair of fiber optic links. The tool kit is ideal for MRO organizations that need to quickly and cost-effectively restore service in addition to planned moves, additions or changes to their fiber network.



PATCH PANELS

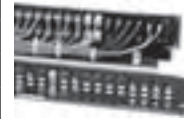
QuickPort Patch Panels

Description	12 Port	24 Port	48 Port	Central 48 Port	24 Port
Category 6A/10G, eXtreme 10G Connectors included, 1RU	-	6910G-U24	-	-	-
Category 6A/10G, eXtreme 10G Connectors included, 2RU	-	-	6910G-U48	-	-
GigaMax 5e+ Universal	5G596-U12	5G596-U24	5G596-U48	5G596-C48	5G596-U96
eXtreme 6+ Universal	69586-U12	69586-U24	69586-U48	69586-C48	69586-U96
Category 6 Shielded	-	4S255-S24	-	-	-



High-Density

Description	24 Port	48 Port	72 Port
w/ Cable Management bar	-	49255-D48	-
Cable Management Bar, Sold Separately	-	-	49255-D72
w/ Wire Management Bar	49255-H24	49255-H48	-



Patch Blocks

Description	Cat 6	Cat 5e	Cat 5	QuickPort	Bracket
12-Port, Universal	69586-U89	5G596-U89	59596-U89	49255-Q89	40089-00D



JACKS

QuickPort Jacks

Description	Part #
eXtreme 10G Channel-Rated Connector	6110G-R*6
Cone of Silence™ replacement pack (bag of 13)	61C05-B13
8-conductor GigaMax 5e channel-rated connector	5G108-R*5
8-conductor GigaMax 5e+ component-rated connector	5G110-R*5
8-conductor eXtreme 6+ component-rated connector	61110-R*6
Category 6 Shielded connector	65180-5H6
Category 5e Shielded connector	55180-5H5
Voice-Grade Jacks	41106



*Available colors: I (ivory), W (white), A (almond), E (black), G (gray)



INSERTS

QuickPort Fiber Adapters, SM/MM

Description	Part #
ST Adapter, Zirc. Ceramic	41084-S*Z
ST Adapter, Phos. Bronze	41084-S*F
SC Adapter, Phos. Bronze	41085-S*C
SC Adapter, Zirc. Ceramic	41085-M*C
LC Adapter, Phos. Bronze - Duplex	41085-ML*
LC Adapter, Zirc. Ceramic - Duplex	41085-SL*



RCA, feedthrough

Description	Part #
w/ Black Stripe	40830-B*E
w/ Red Stripe	40830-B*R
w/ Yellow Stripe	40830-B*Y
w/ Green Stripe	40830-B*V
w/ Blue Stripe	40830-B*L
Snap-In Blank Module	41084-B*B



QuickPort Audio/Video Connectors

Description	Part #
Standard BNC	41084-B*F
Gold Plated BNC	40832-0B*
S-Video Feedthrough	40734-CV*
S-Video to 110	40734-SV*
3.5mm Stereo Screw Terminal	40839-S*S
Nickel Plated F-Type Module, 1GHz	41084-F*F
Gold Plated F-Type Module, 2.5GHz	40831-0BI*
RCA to 110	40735-R#*



*Available colors: I (ivory), W (white), A (almond), E (black), G (gray)

#Connector inner barrel color: (O) orange, (R) red, (W) white, (Y) yellow

WALLPLATES

QuickPort Wallplates

Description	1 Port	2 Port	3 Port	4 Port	6 Port	8 Port	12 Port
Single Gang	41080-1*P	41080-2*P	41080-3*P	41080-4*P	41080-6*P	-	-
Single Gang w/Designation Windows	42080-1*S	42080-2*S	42080-3*S	42080-4*S	42080-6*S	-	-
Dual Gang w/Designation Windows	42080-1*P	42080-2*P	42080-3*P	42080-4*P	42080-6*P	42080-8*P	42080-12*
Single Gang - Stainless Steel	43080-1S1	43080-1S2	43080-1S3	43080-1S4	43080-1S6	-	-
Dual Gang - Stainless Steel	43080-2S1	43080-2S2	43080-2S3	43080-2S4	43080-2S6	43080-2S8	-



*Available colors: I (ivory), W (white), A (almond), E (black), G (gray)

SURFACE MOUNT HOUSINGS

Quickport Surface Mount Housings

Description	Part #
2 Port	41089-2*P
4 Port	41089-4*P
6 Port	41089-6*P



*Available colors: I (ivory), W (white), A (almond), E (black), G (gray)

66 & 110 WIRING BLOCKS & ACCESSORIES

66 Clip Connecting Blocks

Description	Part #
M Block: 25 Pair	40066-M25
Slip M Block: 50 Pair	40066-M50
M Block w/ Female Connector	40066-0MW
M Block w/ Female & Male Connectors	40066-MW2
Connectorized Demarc Block	40066-0MR



66 Clip Connecting Block Accessories

Description	Part #
Bridging Clips, Bag of 50	40067-0BC
Snap-On Cover for M Blocks	40050-MCV
Hinged Cover for Demarc Blocks, Orange	40050-MHO
Hinged Cover for M Blocks, Gray	40050-MHG
M Block Bracket for Connector Mounting	40089-00D



5e Gigamax 5E 110-Style Wiring Block Units

Description	100 Pair	200 Pair	300 Pair
Block, Wall Mount w/Legs & C-4 Clip Kit	41AB2-1F4	41AB2-2F4	41AB2-3F4
Block, Wall Mount w/Legs & C-5 Clip Kit	41AB2-1F5	41AB2-2F5	41AB2-3F5
Block, Wall Mount w/Legs & ID	41AW2-100	-	41AW2-300
Block, Rack Mount Kit w/C-4 Clips	41DBR-1F4	41DBR-2F4	41DBR-3F4
Block, Rack Mount Kit w/C-5 Clips	41DBR-1F5	41DBR-2F5	41DBR-3F5
Block, Rack Mount	41DR2-100	41DR2-200	41DR2-300



110 Wiring Accessories

Description	Part #
Horizontal Cord Manager w/ Legs	41A10-HCM
Horizontal Cord Manager w/out Legs	41D10-HCM
Wire Distribution Spool (20-A)	40054-0DS
Wire Distribution Spool (20-B)	40054-0DS
eXtreme 6+ C-4 Clips, Pack of 10	69104-IDC
Category 5e C-3 Clips, Pack of 10	49103-IDC
Category 5e C-4 Clips, Pack of 10	49104-IDC
Category 5e C-5 Clips, Pack of 10	49105-IDC
89-D Bracket Kit, Cat 5e w/ C-4 & C-5	41DB1-5FT



eXtreme 6+ 110-Style Wiring Block Kits

Description	Part #
Wall Mount w/ Legs, 96 Pair, C-4 Clips	41AB6-1F4
Wall Mount w/ Legs, 288 Pair, C-4 Clips	41AB6-3F4





PATCH PANELS

Cat 6 DP6 10 Gig Patch Panels

Description	Flat	Angled
24 Port	DP246X88TG	DPA246X88TG
48 Port	DP486X88TG	DPA486X88TG



Mini-Com® Modular Patch Panels w/Labels

Description	Flat	Angled
24 Port	CPPL24WBLY	CPPLA24WBLY
48 Port	CPPL48WBLY	CPPLA48WBLY



Cat 6 DP6 Plus Patch Panels

Description	Flat	Angled
12 Port	DP12688TG	-
24 Port	DP24688TG	DPA24688TG
48 Port	DP4868TG	DPA 48688TG



Mini-Com® Modular Patch Panels w/Adhesive-backed Labels

Description	Flat	Angled
24 Port, Blank	CPP24WBLY	-
48 Port, Blank	CPPL48WBLY	-



DP Cat 5e Patch Panels

Description	Flat	Angled
12 Port	DP125E88TG	-
24 Port	DP245E88TG	DPA245E88TG
48 Port	DP485E88TG	DPA485E88TG



JACKS

Description	Part #
Mini-Com® TX6™ PLUS Jack Module	CJ688TG*



Description	Part #
Mini-Com® TX-5e™ Shielded Jack Module	CJS5E88TGY



Description	Part #
Mini-Com® TX-5e™ Module	CJ5E88TG*



*Available colors: IW (off white), EI (ivory), WH (white), IG (gray), BL (black)

INSERTS

Mini-Com® BNC Coax Coupler Modules

Description	Part #
75 Ohm	CMBA75*Y
50 Ohm	CMBA*Y



Mini-Com® Modules

Description	Part #
3.5 Stereo Connector and Coupler Modules	CM35MSS*
S-Video Pass-Through Module	CMSVC*Y
15-Pin High-Density D-Subminiature Module	CMD15HD*Y
S-Video Punchdown Module	CJSV*



Description	Part #
Mini-Com® F-Type Module	CMF*



5-Way Binding Post Module

Description	Part #
with Black Stripe	CMBPB*
with Red Stripe	CMBPR*



Mini-Com® RCA Pass-Through Modules

Description	Part #
Red Insert	CMRPR*
White Insert	CMRPW*
Yellow Insert	CMRPY*
Blue Insert	CMRPB*
Green Insert	CMRG*



*Available colors: IW (off white), EI (ivory), WH (white), IG (gray), BL (black)



INSERTS

Mini-Com® LC Sr./Sr. Fiber Optic Adapter Modules

Description	Part #
Duplex MM, phosphor bronze, adapter-electric ivory	CMDSLCL*
Duplex 10GIG, phosphor bronze, adapter-black	CMDSAQLCBL
Duplex SM, zirconia ceramic, adapter-blue	CMDSLCLZ*



Mini-Com® LC Sr./Jr. Fiber Optic Adapter Modules

Description	Part #
Duplex MM, phosphor bronze, adapter-electric ivory	CMDJLCL*
Duplex 10GIG, phosphor bronze, adapter-aqua	CMDJAQLCBL
Duplex SM, zirconia ceramic, adapter-blue	CMDJLCLZ*



Mini-Com® SC Fiber Optic Adapter Modules

Description	Part #
Simplex MM, phosphor bronze, adapter-electric ivory	CMSEISCL*
Duplex MM, phosphor bronze, adapter-electric ivory	CMDEISCL*
Simplex 10GIG, phosphor bronze, adapter-aqua	CMSAQSCBL
Duplex 10GIG, phosphor bronze, adapter-aqua	CMDAQSCBL
Duplex SM, zirconia ceramic, adapter-blue	CMDBUSCLZ*
Duplex APC SM, zirconia ceramic, adapter-blue	CMDAQSCZBL



Mini-Com® ST Fiber Optic Adapter Module

Description	Part #
Simplex MM, phosphor bronze	CMST*
Simplex SM zirconia ceramic	CMSTZ*



Mini-Com® FC Fiber Optic Adapter Module

Description	Part #
MM, phosphor bronze	CMFC*



*Available module colors: AW (arctic white), BL (black), BU (blue), EI (electric ivory), IG (international gray), IW (off white)

BL at end of Part # are only available in black modules

WALLPLATES

Mini-Com® Ultimate ID® Classic Series Faceplates

Description	Part #
2 Port	UICFP2*
4 Port	UICFP4*
6 Port	UICFP6*



Mini-Com® Classic Sloped Faceplates w Label

Description	Part #
2 Port	CFPSL2*Y
4 Port	CFPSL4*Y
6 Port	CFPSL6*Y



Mini-Com® Classic Series Faceplates with Label and Label Cover†

Description	Part #
2 Port	CFPL2*Y
3 Port	CFPL3*Y
4 Port	CFPL4*Y
6 Port	CFPL6*Y



Mini-Com® Classic Series Faceplates

Description	Part #
1 Port	CFP1*
2 Port	CFP2*
4 Port	CFP4*



*Available colors: IW (off white), EI (ivory), WH (white)

†Available colors: IW (off white), EI (ivory), WH (white), IG (gray)

SURFACE MOUNT HOUSINGS

Mini-Com® Surface Mount Boxes

Description	Part #
1 Port	CBX1*-A
2 Port	CBX2*-AY
4 Port	CBX4*-AY
12 Port	CBX12*-AY



Mini-Com® Surface Mount Boxes for use with LD Series Raceway

Description	Part #
2 Port	CBXJ2*-A
4 Port	CBXC4*-A
6 Port	CBXD6*-AY



*Available colors: IW (off white), EI (ivory), WH (white), IG (gray)



110 WIRING BLOCKS/KITS

GP6™ PLUS Category 6 High Density Kits

Description	Part #
144 Pair (36 Port) Punchdown Field Termination Kit w/ Legs	GPKBW144Y
432 Pair (108 Port) Punchdown Field Termination Kit w/ Legs	GPKBW432Y



GP6™ PLUS Category 6 Standard Density Kits

Description	Part #
96 Pair (24 Port) Base Field Termination Kit w/ Legs	GPKBW24Y
288 Pair (72 Port) Base Field Termination Kit w/ Legs	GPKBW72Y



Pan-Punch® 110 Category 5e System Kits

Description	Part #
100 Pair Base Field Terminated Kit, 4 Pair Connecting Block	P110KB1004Y
300 Pair Base Field Terminated Kit, 4 Pair Connecting Block	P110KB3004Y



110 WIRING ACCESSORIES

GP6™ PLUS Category 6 Connecting Blocks

Description	Part #
4 Pair	GPCB4-XY
5 Pair	GPCB5-XY



Pan-Punch® 110 Category 5e Connecting Blocks

Description	Part #
3 Pair	P110CB3-XY
4 Pair	P110CB4-XY
5 Pair	P110CB5-XY



Description	Part #
Jumper Trough w/ Legs	P110JTW-X
4 Pair Punchdown Tool	GPDTM



HellermannTyton

PATCH PANELS

Universal Patch Panel

Description	Cat 6	Cat 5e
1u 12 Port	PP110C612	PP110C5E12
12 Port Vertical w/89D Bracket	PP110C612V	PP110C5E12V
1U 24 Port	PP110C624	PP110C5E24
2U 48 Port	PP110C648	PP110C5E48
4U 96 Port	-	PP110C5E96



Modular Patch Panel

Description	Part #
1U - 12 Port	P108-12-MOD
1U - 16 Port	P108-16-MOD
1U - 24 Port	P108-24-MOD1U
2U - 24 Port	P108-24-MOD
2U - 32 Port	P108-32-MOD
3U - 48 Port	P108-48-MOD



RapidNet Category 6 Copper UTP Solutions

Description	CMP-Blue	CMR-White
Cassette to Cassette 6-Port Loom	RNC6CMPx	RNC6CMRx
Cassette to Jack 6-Port Loom	RNC6JCMPx	RNC6JCMRx
Cassette to Plug 6-Port Loom	RNC6PCMPx	RNC6PCMRx
Cassette to Open End 6-Port Loom	RNC6OCMPx	RNC6OCMRx
Rubberized Cassette to Cassette 6-Port Loom	-	RNRC6CMRx

x = Available length: 10 to 295 ft.

RapidNet Modular Panels

Description	Part #
1U 24 UTP Copper Ports, 48 LC Fibers	RNPP1U
2U 48 UTP Copper Ports, 96 LC Fibers	RNPP2U
1U w/RackSnap Inserts Pre-Installed	RNPP1URS
2U w/RackSnap Inserts Pre-Installed	RNPP2URS
Modular Panel Blank	RNBLANK
Rear Cable Manager	RNRCM



AlphaSnap™ Patch Panel

Description	Cat 6	Cat 5e
1U 24 Port 110 w/Rear Cable Mgr	PP110C6G24	PP110C5EA24
2U 48 Port 110 w/Rear Cable Mgr	PP110C6G48	PP110C5EA48
Single Replacement Module	PP110C6G1	PP110C5EA1



JACKS

Modular Jacks

Description	Part #
Cat 6 - Flush Mount Keystone	RJ45FC6-x
Cat 5e - Flush Mount Keystone	RJ45FC5E-x
6P6C RJ11 - Cat 3 - Flush Mount Keystone	RJ11FC3-x
8P8C RJ45 - Cat 3 - Flush Mount Keystone	RJ45FC3-x



Shuttered Modular Jacks

Description	Cat 6	Cat 5e
Single Outlet	RJ45SC6-FW	RJ45SC5E-FW
Triple Outlet	RJ45SC3C6-FW	RJ45S3C5E-FW



x = Available colors:

W (White), FW (office white), I (ivory), GRY (gray), BLK (black), YEL (yellow), ORN (orange), BRN (brown), BLU (blue), VIO (violet), RED (red)

INSERTS

Multimedia Modules

Description	Part #
BNC Connector	BNCINSERT-x
ST Fiber	FIBERINSERT-x
Blank Insert	BLANK-x



x = Available colors:

I (Ivory), FW (office white), W (white); BLANK-x also available in BK (black), B (brown)

HellermannTyton

WALLPLATES

Standard Faceplates

Description	Part #
Blank	FPBLANK-x
1 Port	FPSINGLE-x
2 Port	FPDUAL-x
3 Port	FPTRIPLE-x
4 Port	FPQUAD-x
6 Port	FPSIX-x
6 Port - Dual Gang*	FPDGSIX-x
12 Port - Dual Gang*	FPDG12-x



x = Available colors: I (ivory), FW (office white), W (white), GRY (gray), BK (black), B (brown). *Only available in I (ivory), FW (office white), W (White).

Horizontal Faceplates

Description	Part #
1 Port	FPIHSINGLE-x
2 Port	FPIHDUAL-x
3 Port	FPIHTRIPLE-x
4 Port	FPIHQQUAD-x



x = Available colors: I (ivory), FW (office white), W (white)

Standard Faceplates w/ID Window

Description	Part #
1 Port	FPISINGLE-x
2 Port	FPIDUAL-x
2 Port - Angled	FP45DUAL-x
3 Port	FPITRIPLE-x
4 Port*	FPIQUAD-x
6 Port	FPISIX-x



x = Available colors: I (ivory), FW (office white), W (white)
*Also available GRY (gray)

106 Duplex Faceplates

Description	Part #
106 Duplex Faceplate	FP106-x
106 Duplex Faceplate - Dual Gang	FP106DG-x
106 Duplex 2 Port Frame w/Faceplate	FP106MF-x
106 Duplex 4 Port Frame	FP106MF4-x



x = Available colors: I (ivory), FW (office white), W (white)

Decorative Faceplates

Description	Part #
Decorator Faceplate	FPR-x
Decorator Faceplate - Dual Gang	FPRDG-x
Decorator 2 Port Mounting Frame	FPRMF2-x
Decorator 3 Port Mounting Frame	FPRMF3-x
Decorator 4 Port Mounting Frame	FPRMF4-x



x = Available colors: I (ivory), FW (office white), W (white)

Stainless Steel Faceplates

Description	Part #
1 Port	FPSINGLE-SS
2 Port	FPDUAL-SS
3 Port	FPTRIPLE-SS
4 Port	FPQUAD-SS
4 Port - Dual Gang	FPDGQUAD-SS
6 Port - Dual Gang	FPDGSIX-SS
12 Port - Dual Gang	FPDG12-SS



Shuttered Jack Faceplates

Description	Part #
Horizontal	FPHSHUT-FW
Vertical	FPSHUT-FW
Angle Insert	FPAININSERT-FW
0.5U Blank Insert	FP5BLANK-FW
1U Blank Insert	FP1BLANK-FW



Modular Faceplates

Description	Part #
Modular Faceplate	FPM-x
Dual Gang	FPMDG-x
Blank Insert	FPMIB-x
Insert - Single w/icons	FPMIFS-x
Insert - Double w/icons	FPMIFD-x
Insert - Angled Double w/icons	FPMIAD15-x
Insert - D Subminiature Blank	FPMIDB-x
Insert - SC Duplex Adapter w/Phosphor Bronze Sleeve	FPMISC-x
3 Port Furniture Faceplate*	FPFURN3-x



x = Available colors: I (ivory), FW (office white), W (white)
*Only available BLK (black), FW (office white)

HellermannTyton

SURFACE MOUNT HOUSINGS

Description	Part #
2 Port - 2.32" x 1.10" x 2.78"	SMBDUAL-x
4 Port - 3.25" x 1.07" x 4.5"	SMBQUAD-x
6 Port - 4.25" x 1.38" x 6.63"	SMBSIX-x



x = Color: I (Ivory), FW (Office White), W (White)

110 WIRING BLOCKS

Category 6 Rated 110 Blocks

Description	Base	Base w/Legs
48 Pair	T110WB48	T110WBL48
96 Pair	T110WB96	T110WBL96
288 Pair	-	T110WBL288
96 Pair Kit w/4 Pair Clips	T110KIT964	-
288 Pair Kit w/4 Pair Clips	T110KIT2884	-



Rack Mount Category 5e Rated 110 Blocks

Description	Part #
Rack Mount 100 Pair w/4 Pair Clips	T110RM100-4
Rack Mount 100 Pair w/5 Pair Clips	T100RM100-5
Rack Mount 300 Pair w/4 Pair Clips	T100RM300-4
Rack Mount 300 Pair w/5 Pair Clips	T110RM300-5



Rack Mount Category 6 Rated 110 Blocks

Description	Part #
RM 96 Pair 110 Block Kit w/ Cable Trough	T110RM96-4CT
RM 192 Pair 110 Block Kit w/4 Pair Clips	T110RM192-4
RM 288 Pair 110 Block Kit w/4 Pair Clips	T110RM288-4



Accessories

Description	Part #
3 Pair Clip	T1103
4 Pair Clip	T1104
5 Pair Clip	T1105
Cable Trough	T110CT
Cable Trough w/ Legs	T110CTL
Termination Hardware Label	TAG110
Clear Plastic ID Holder	T100ID



Accessories

Description	Part #
4 Pair Clip	T11046
Rack Mount Cable Trough	T110RMCT



Category 5e Rated 110 Blocks

Description	Base	Base w/Legs
50 pair Base	T110WB50	T110WBL50
100 pair Base	T110WB100	T110WBL100
300 pair Base w/legs	-	T110WBL300
100 Pair Kit w/4 Pair Clips	T110KIT1004	-
100 Pair Kit w/5 Pair Clips	T110KIT1005	-
300 Pair Kit w/4 Pair Clips	T110KIT3004	-
300 Pair Kit w/5 Pair Clips	T110KIT3005	-



PATCH PANELS

Cat 5e Feed-Thru Patch Panels

Description	Standard Density	High Density
12 Port	12458FT-C5E	12458FTHD-C5E
16 Port	16458FT-C5E	-
24 Port	24458FT-C5E	24458FTHD-C5E
32 Port	32458FT-C5E	-
48 Port	48458FT-C5E	48458FTHD-C5E



Patch Panel, T568A/B Wiring

Description	Cat 6+	Cat 5e
12 Port	12458MD-C6C	12458MD-C5E
24 Port	24458MD-C6C	24458MD-C5E
48 Port	48458MD-C6C	48458MD-C5E
12-Port Mini Panel w/89D Bracket	12458M-C6C	12458M-C5E
24 Port Shielded	24458S-C6C	24458S-C5E



Unloaded Multimedia Patch Panels

Description	Standard Density	High Density
12 Port	12U-MMP	12U-HDMMP
16 Port	16U-MMP	-
24 Port	24U-MMP	24U-HDMMP
48 Port	48U-MMP	48U-HDMMP
96 Port	96U-MMP	96U-HDMMP



JACKS

Keystone Jack, T568A/B Wiring - Light Ivory

Description	Part #
Cat 6+	KJ458-C6C-*
Cat 5e+	KJ458-C5E-*



Shielded Keystone Jack, T568A/B Wiring

Description	Part #
Cat 6+	KJ458S-C6C-*
Cat 5e+	KJS458-C5E
Cat 5e+ Feed-Thru Panel Mount Coupler	KRJ45/5S



*Available colors: BK (black), GN (green), OR (orange), RD (red), WH (white), YE (yellow), BU (blue). Shown in light ivory.

INSERTS

Audio/Video Adapters

Description	Part #
BNC Keystone Connector Module	CMK-BNC
SVHS to 110 Connector Module	CMK-110SVHS
RCA Feed-Thru Connector Module, Red	CMK-RCAR
RCA Feed-Thru Connector Module, White	CMK-RCAW
RCA to 110 Connector Module, Red	CMK-110RCAR
RCA to 110 Connector Module, White	CMK-110RCAW
RCA to 110 Connector Module, Yellow	CMK-110RCAY
Blank Keystone Module	CMK-BL
F-Type Connector Module	CMK-F



Fiber Adapters

Description	Part #
ST Multimode/Singlemode	CMK-ST
SC Multimode/Singlemode	CMK-SC
LC Multimode/Singlemode	CMK-LC
MT-RJ Multimode/Singlemode	CMK-MTRJ



WALLPLATES

Single Gang Keystone Faceplates

Description	w/Labeling Window	w/o Labeling Window	Stainless Steel	Angled
1 Port	SKF-1	SKFL-1	SSKF-1	-
2 Port	SKF-2	SKFL-2	SSKF-2	SKFLA-2
3 Port	SKF-3	SKFL-3	SSKF-3	-
4 Port	SKF-4	SKFL-4	SSKF-4	SKFLA-4
6 Port	SKF-6	SKFL-6	SSKF-6	-



Shown in light ivory. Add -WH for white.

Double Gang Faceplates

Description	w/Labeling Window	w/o Labeling Window	Stainless Steel	Angled
8 Port	DGFK-8	DKF-8	DSKF-8	DKFLA-8
12 Port	DGFK-12	DKF-12	DSKF-12	-



SURFACE MOUNT HOUSINGS

Description	Part #
1 Port	SMKL-1
2 Port	SMKL-2
3 Port (Tamper Proof)	SMKL-3
4 Port	SMKL-4
6 Port	SMKL-6



Description	Part #
1 Module Multimedia Box	SMMB-1
2 Module Multimedia Box	SMMB-2
3 Module Multimedia Box	SMMB-3



Shown in light ivory. Add -WH for white.

110 WIRING BLOCKS

Cat 6+ 110 Wiring Blocks

Description	w/Mounting Legs	w/o Mounting Legs
48 Pair	110WB6-48PR-L	110WB6-48PR
96 Pair	110WB6-96PR-L	110WB6-98PR
288 Pair	110WB6-288PR-L	110WB6-288PR



110 IDC Connecting Clip

Description	Cat 6+	Cat 5e+
2 Pair 110 Stuffer Cap, Pkg	-	110-CAP
3 Pair Clip	-	110CB-3PR
4 Pair Clip	110CB6-4PR	110CB-4PR
5 Pair Clip	-	110CB-5PR



Cat 5e+ 110 Wiring Blocks

Description	w/Mounting Legs	w/o Mounting Legs
50 Pair	110WB-50PR-L	110WB-50PR
100 Pair	110WB-100PR-L	110WB-100PR
300 Pair	110WB-300PR-L	110WB-300PR



Cat 5e+ 110 Rack Mount Wiring Block Kits

Description	Part #
100 Pair Kit	RWBK-100PR4
200 Pair Kit	RWBK-200PR4



Cat 6+ 110 Wiring Block Kits

Description	w/Mounting Legs	w/o Mounting Legs
48 Pair Kit	WBK6-48PRL4	WBK6-48PR4
96 Pair Kit	WBK6-96PRL4	WBK6-96PR4
288 Pair Kit	WBK6-288PRL4	WBK6-288PR4



Cat 6+ and 5e+ 110 Wiring Block Kits

Description	w/Mounting Legs	w/o Mounting Legs
50 Pair Kit	WBK-50PRL4	WBK-50PR4
100 Pair Kit	WBK-100PRL4	WBK-100PR4
300 Kit	WBK-300PRL4	WBK-300PR4





PATCH PANELS

10GX Cat 6 Patch Panels (Titanium)

Description	Part #
1U, 24 Port	AX102293
2U, 48 Port	AX102296
1U, Ultra High Density, 48 Port	AX102488



Cat 5e Patch Box

Description	Part #
HD 12 Port, T568B/A	AX100491
HD 12 Port, T568A/B	AX100284



GigaFlex Cat 6+ Patch Panels (Black)

Description	Part #
1U, 24 Port	AX101611
2U, 48 Port	AX101613



Flex Empty Patch Panels (Black)

Description	Part #
1U, 24 Port	AX101456
2U, 48 Port	AX101458



Cat 5e Patch Panels

Description	1U, 24-Port	2U, 48-Port
HD-BIX, T568A/B	AX100465	AX100473
HD-110, T568B/A	AX100452	AX100454



JACKS



Keystone Style, T568A/B

Description	Gray	Almond	White	Black	Orange	Red	Yellow	Green	Blue	Purple	Brown
10GX Cat 6 Module	AX102280	AX102281	AX102282	AX102283	AX102284	AX102285	AX102286	AX102287	AX102288	AX102289	AX102290
Cat 6+ GigaFlex Module	AX101324	AX101319	AX101320	AX101321	AX101322	AX101323	-	AX101325	AX101326	-	-
Cat 5e GigaFlex Module	AX101313	AX101308	AX101309	AX101310	AX101311	AX101312	-	AX101314	AX101315	-	-

INSERTS

GigaFlex Inserts

Description	Gray	Almond	Elec. White	Black	Ivory
Cat 6+, 2 Port	AX101765	AX101766	AX101767	AX101768	AX102574
Cat 5e, 2 Port	AX101769	AX101770	AX101771	AX101772	AX102575



Filler Inserts

Description	Gray	Almond	Elec. White	White	Black	Ivory
1-Unit, Bag of 10 Units	AX101757	AX101758	AX101759	AX102614	AX101760	AX102576
2-Unit, Bag of 10 Units	AX101761	AX101762	AX101763	AX102615	AX101764	AX102577



Multimedia Inserts

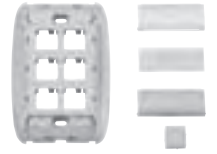
Description	Gray	Almond	Elec. White	White	Black	Ivory
3 Port RCA	AX101877	AX101878	AX101879	AX102616	AX101880	AX102578
1 Port SVHS	AX101881	AX101882	AX101883	AX102617	AX101884	AX102579
1 Port SVGA	AX101885	AX101886	AX101887	AX102618	AX101888	AX102580
SVGA Feedthrough	AX102334	AX102335	AX102336	AX102630	AX102337	AX102581
Duplex SC Singlemode	AX101935	AX101936	AX101937	AX102619	AX101938	AX102649
Duplex Multimode SC Singlemode	AX101939	AX101940	AX101941	AX102620	AX101942	AX102650



WALLPLATES

MediaFlex Faceplate Kits

Description	Gray	Almond	Elec. White	White	Black	Ivory
2 Port, Flush	AX101778	AX101779	AX101780	AX102621	AX101781	AX102566
4 Port, Flush	AX101782	AX101783	AX101784	AX102622	AX101785	AX102567
6 Port, Flush	AX101786	AX101787	AX101788	AX102623	AX101789	AX102568



MediaFlex Plate

Description	Gray	Almond	Elec. White	White	Black	Ivory
Single-Gang	AX101745	AX101746	AX101747	AX102608	AX101748	AX102569
Double-Gang	AX101869	AX101870	AX101871	AX102609	AX101872	AX102570



MediaFlex Labeling Window Cover/Dust Cover

Description	Gray	Almond	Elec. White	Black	Clear
Window Cover, Bag of 25 Units	AX101774	AX101775	AX101776	AX101777	AX101773
Dust Cover, Bag of 50 Units	-	-	-	-	AX101790



Interface Plate, Flush

Description	Gray	Almond	White	Black	Ivory
2 Port	AX101431	AX101432	AX101433	AX101434	AX102582
4 Port	AX101435	AX101436	AX101437	AX101438	AX102583
6 Port	AX101439	AX101440	AX101441	AX101442	AX102584



Stainless Steel Faceplate, Keystone Style

Description	Single Gang	Double Gang
1 Port	AX102006	-
1 Port, Studded for Phone	AX102005	-
2 Port	AX102007	-
3 Port	AX102008	-
4 Port	AX102009	AX102011
6 Port	AX102010	AX102012
12 Port	-	AX102013



PREMIER

PATCH PANELS

Description	12 Port	24 Port	48 Port
Cat 5e Universal Wiring T568A/T568B	4496857500	4420097500	4420207500
Cat 6 Universal Wiring T568A/T568B	0000034215	4420707500	4420807500



Wall/Rack Patch Panel Mount Brackets

Description	Part #
1RMS	4420597500
2RMS	4420857500



JACKS

Keystone Style - Voice Grade

Description	Elec. Ivory	White	Black
Cat 3/Cat 5	9012897501	9012917501	-
USOC 6P6C	9010947501	9010957501	9010927501



Description	Elec. Ivory	White	Black	Blue	Orange	Red
Keystone Style - Cat5e	9011017501	9011077501	0000119159	0000119160	0000119164	0000119162

Description	Red	White
Keystone Style - Cat 6	0000119197	0000119198



INSERTS

Description	Elec. Ivory	White
Keystone Style, F-Type Coax	9011207501	9011217501

WALLPLATES

Single Gang Keystone Faceplates

Description	Elec. Ivory	White
1 Port	9010567501	9010577501
2 Port	9010617501	9010627501
3 Port	9010667501	9010677501
4 Port	9010717501	9010727501

Description	Part #
Keystone Faceplate, 2 Port, Stainless Steel	4481107501



SURFACE MOUNT HOUSINGS

Description	Elec. Ivory	White
1 Port	4490027501	4499997501
2 Port	9010837501	9010847501
4 Port	9010857501	9010867501



Description	Part #
Single Gang Mounting Bracket	4420547500



66 & 110 WIRING BLOCKS

66 Wiring Blocks

Description	Part #
66 Block, 50 Pair, Cat 5e	0000156599
89B Bracket	7210247500
89D Bracket	7210967500
Bridging Clip 2-Position Phosphor Bronze	7232047501
Bridging Clip 2-Position Stainless Steel	7232617501
20A Distribution Post	7230687500
Plastic Mushroom w/o Screw	
20B Distribution Post	7790297500
Plastic Mushroom w/ Screw	



110 Wiring Blocks

Description	Part #
110 Pair w/Legs	7719597500
300 Pair w/Legs	7718467500
110C4 4 Pair Wiring Connectors (10 Pack)	7714117500
110C5 5 Pair Wiring Connectors (10 Pack)	7713287500



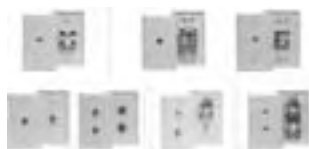
We also carry an array of **Data Communications** products

- Modules
- Multimedia Inserts
- Faceplates
- Adapters
- Patch Panels & Cords

LEVITON

Telephone Wall Jacks

One piece construction and install easily in standard electrical boxes. For additional colors: W (White), I (Ivory), T (Light Almond), A (Almond). Single or duplex flush-mount voice grade connectors with screw terminals.



Part #	Type	Color	Add'l Color Avail.
40249	6P4C, Screw Terminals	Brown	White, Ivory, Light Almond, Almond
40244	6P4C x 6P4C, Screw Terminals	Brown	White, Ivory, Light Almond, Almond
40238*	6P6C, Screw Terminals	-	White, Ivory, Light Almond
40266*	6P6C x 6P6C, Screw Terminals	-	White, Ivory, Light Almond
40280*	8P8C, Screw Terminals	-	White, Ivory, Light Almond
40949*	6P4C, Screw Terminals	-	White, Ivory, Light Almond, Almond
40944*	6P4C x 6P4C, Screw Terminals	-	White, Ivory, Light Almond
4625B-44	6P4C, Screw Terminals	Brown	White, Ivory, Almond, Gray
4625B-46*	6P6C, Screw Terminals	-	White, Ivory
40258-I	6P6C x F, Screw Terminal	Ivory	-

PREMIER

PT-630AD Wall Jack

The PT-630AD wall jacks are stainless steel and use screw terminals with conductor leads that are riveted in place for easier installation. UL listed. FCC part 68 compliant. Dimensions are 3.0"W x 0.3"H x 4.5"L. 6P4C Steel. USOC codes - RJ11W - 14.



Part # 4807397500

PT-625AQ2 Surface Block

The PT-625AQ2 surface block is designed for direct mounting on any flat surface. This assembly includes a base, snap-on cover, and double-sided adhesive tape. Conductor leads are equipped with ring terminals for easier installation. UL listed. FCC part 68 compliant. Dimensions are 2.0"W x 0.9"H x 2.3"L.



Part #	Description	USOC Codes
4807677500	6P4C Ash	RJ11C - 14C / RJ11DC
4808547500	6P4C Ivory	RJ11C - 14C / RJ11DC
4843977500	6P4C White	RJ11C - 14C / RJ11DC

PT-267B Modular T-Adapters

The PT-267B T-Adapter is a 4 conductor adapter that connects 2 telephones or ancillary devices to 2 outside lines. This T-Adapter plugs into a standard 4 conductor modular jack where two outside lines have been wired. The T-Adapter is equipped with 4 conductor plugs and two 4 conductor jacks, that provides 2 parallel lines. UL listed. FCC part 68 compliant. 6P4C Plug Splits 2 Lines Into Line 1 and Line 2 in Parallel.

Part # 4831897500



PT-630AP Wall Jack

The PT-630AP wall jacks use screw terminals with conductor leads that are riveted in place for easier installation. UL listed. FCC part 68 compliant.



Part #	Description	Dimensions W x H x L	USOC Codes
4807687500	6P4C Ash	3.0" x 0.3" x 4.5"	RJ11W - 14W
4847797500	6P4C White	3.0" x 0.3" x 4.5"	RJ11W - 14W

PREMIER

PT-630AC Wall Jack

The PT-630AC wall jacks use screw terminals with conductor leads that are riveted in place for easier installation. UL listed. FCC part 68 compliant.



Part #	Description	Dimensions W x H x L	USOC Codes
4802377500	6P6C	3.0" x 0.3" x 4.5"	RJ18C 19C / RJ25C

PT-625A2 Surface Block

The PT-625A2-8 surface block is an 8 conductor jack used for voice, data, or security/alarm transmission devices. This surface block consists of screw terminals, a snap-on cover, and double-sided adhesive tape for a convenient and efficient jack that will mount on most flat surfaces. The PT-625A2-8 surface block is available as a nonkeyed, keyed, or non-keyed with shorting bars. UL listed. FCC part 68 compliant.



Part #	Description	Dimensions W x H x L	USOC Codes
4841637500	8P8C Keyed RJ48X "Smart Jack" Electrical Ivory	2.3" x 1.0" x 2.3"	RJ48X
4808797500	8P8C Non-Keyed RJ31X - RJ38X Ash	2.3" x 1.0" x 2.3"	RJ31X - 38X

2554 Basic Single-Line Wall Telephone

Fully modular. FCC registered. Receiver volume control. Hearing aid compatible. Industry standard replacement parts available. Soft-touch DTMF dial. Provision for A-lead control. Single gong ringer. 12-ft handset cord included with every modular phone. Soft rubber non-skid feet. Standard transmission network.



Part #	Description
4733767521	Ash
4733737521	Black
4733757521	Beige
4733747521	Ivory
4733797521	White
4733317521	Red

Basic 2500 Desk Telephone

Fully modular. FCC registered. Receiver volume control. Hearing aid compatible. Complete interchangeability with industry standard parts. Soft-touch DTMF dial. Provision for A-lead control. Double gong ringer. 12-ft handset cord included with every modular desk phone. Soft rubber non-skid feet.



Part #	Description
4723657521	Ash
4723577521	Black
4723637521	White
4723597521	Ivory
4720467521	Red

Plus 2500 Message Waiting and Flash Button Phone

Transfer access. Message waiting. Fully modular. FCC Registered. Receiver volume control. Hearing aid compatible. Industry standard replacement parts available. Soft-touch DTMF dial. Provision for A-lead control. Double gong ringer. Clear faceplate with mat on desk models. 12-ft handset cord included with every modular phone. 7-ft line cord included with every modular desk phone. Soft rubber non-skid feet.



Part # 4718487521

PREMIER

Plus 2500 Desk Telephone with Flash Button

Transfer access. Fully modular. FCC registered. Receiver volume control. Hearing aid compatible. Industry standard replacement parts available. Soft-touch DTMF dial. Provision for A-lead control. Double gong ringer. Clear faceplate with mat on desk models. 12-ft handset cord included with every modular phone. 7-ft line cord included with every modular desk phone. Soft rubber non-skid feet. Ash.

Part # 4717917521

Series 7000 Phones

The PREMIER single-line and two-line phones with all functions of a real workhorse embodied in a sleek style that is great for business or hospitality applications. Time-tested features include a convenient data port for today's computer savvy customers; an amber neon 90-volt message waiting light ensures that messages are instantly noticed; and ample space is provided for a customized facemat. Receiver volume control. Data jack.



Part #	Description
4760007521	7010 Corded Single-Line Basic Phone - Natural Color
4760027521	7020 Corded Single-Line Enhanced Phone - Natural Color, Hold, Flash, Redial
4760057521	7030 Corded Single-Line Enhanced Phone - Natural Color, Hold, Flash, Redial
4760247521	7150 Corded Single-Line Speakerphone - Natural Color, Mute, Hold, Flash, Redial
4760927521	7150 Corded Single-Line Speakerphone - Charcoal Color, Mute, Hold, Flash, Redial
0000095072	7155H Corded Single-Line Speakerphone - Natural Color, Mute, Hold, Flash, Redial

Plus 2500 Desk Telephone with 90 Volt Msg Waiting in Faceplate

Message waiting. Fully modular. FCC registered. Receiver volume control. Hearing aid compatible. Industry standard replacement parts available. Soft-touch DTMF dial. Provision for A-lead control. Double gong ringer. Clear faceplate with mat on desk models. 12-ft. handset cord included with every modular phone. 7-ft. line cord included with every modular desk phone. Soft rubber non-skid feet.

Part # 4712937521

PREMIER

Plus Single-Line Telephone

Transfer access. Fully modular. FCC registered. Receiver volume control. Hearing aid compatible. Industry standard replacement parts available. Soft-touch DTMF dial. Provision for A-lead control. Single gong ringer. Clear faceplate with mat on desk models. 12-ft. handset cord included with every modular phone. 7-ft. line cord included with every modular desk phone. Soft rubber non-skid feet. Ash colored.



Part #	Description
4738517521	Model 2554 Wall Phone with Flash
4738627521	Plus Model 2554 Wall Phone with Flash & 90 Volt Message Waiting in the Faceplate

Basic 2500 No Dial, Courtesy Telephone

PREMIER Model 2554 Corded Wall Phone Without Dial - Red.

Part # 0000113595



PT-625A3 Surface Block

The PT-625A3 surface block is a pre-wired modular jack with a snap-on cover and a base that contains 66-style punch-down clips. UL listed. FCC part 68 compliant.



Part #	Description	Dimensions W x H x L	USOC Codes
4830317505	6P4C with 66 Style IDC Ash	1.2 x 2.0 x 2.3	RJ11C - 14 C / RJ1DC
4830327505	6P6C With 66 Style IDC Ash	1.2 x 2.0 x 2.3	RJ18C - 19C / RJ25C

Plugs for Line Cords, Handset Cords & Data Cords

Line cord, handset cord and data cord plugs are for terminating stranded cordage. UL Listed. FCC part 68 compliant.

Part #	Description
4604757501	Plug for Stranded Line Cord 6P4C 25 Per Pack
4604787501	Plug for Stranded Line Cord 8P8C 25 Per Pack

This is just a sampling of the Telecom products we have to offer. Additional products available include:

- Telephones
- Line Cords
- Biscuit Blocks
- 66 Blocks
- Connectors
- Octopus Cables
- Line Testers & Crimping Tools
- Etc. etc.





FIT@-221 General Purpose, Irradiated Polyolefin Heat Shrink Tubing

Operating temperature is -55°C to 135°C. Shrinkage ratio is approximately 2 to 1 at 121°C. Four foot lengths are 3/64 to 2 inch - black, white, clear, red, yellow, blue, green; 3 and 4 inch - black, and clear. Six inch lengths are 3/64 to 1 inch - black, white, clear, red, yellow, blue, green; 1-1/2 to 3 inch - black and clear. 1/2 or 1 inch cut pieces: black. Tensile strength is 1500 psi, (106 kg/cm²). Ultimate elongation is 200%. Longitudinal shrinkage is -5%. Specific gravity is 1.35. Secant modulus is 2.5 x 10(4) max. Self-extinguishing. Passes copper stability test. No fungus growth. Dielectric strength is 500V/mil (197 kV/cm). 10(14) ohm-cm volume resistivity. MIL-DTL-23053/5C, Class 1,2. UL standard 224 (except for clear) and CSA standard 198 (except for clear). Dimensions in inches (mm).



Part #	Min. Supplied I.D.	Max. Recovered I.D.	4 Ft. Lgths Total Ftg.
FIT-221-1/16	0.063 (1,60)	0.031 (0,78)	100
FIT-221-1/4	0.250 (6,35)	0.125 (3,18)	100
FIT-221-1/8	0.125 (3,18)	0.062 (1,58)	100
FIT-221-3/16	0.187 (4,75)	0.093 (2,36)	100
FIT-221-3/32	0.093 (2,36)	0.046 (1,17)	100

FIT@-221B Bulk Pkgs, Irradiated Polyolefin Heat Shrink Tubing

Operating temperature is -55°C to 135°C. Shrinkage ratio is approximately 2 to 1 at 121°C. Bulk package colors are black and clear. Tensile strength is 1500 psi (106 kg/cm²). Ultimate elongation is 200%. Longitudinal shrinkage is -5%. Specific gravity is 1.35. Secant modulus is 2.5 x 10(4) max. Self-extinguishing. Passes copper stability test. Volume resistivity is 10(14) ohm-cm. MIL-DTL-23053/5C, Class 1, 2; UL Standard 224 (except for clear) and CSA Standard 198 (except clear). Dimensions in inches (mm).



Part #	Min. Supplied I.D.	Max. Rec. I.D.	Total Fig.	Price
FIT-221B-1/16	0.063 (1,60)	0.031 (0,78)	3000	\$12.30
FIT-221B-1/4	0.250 (6,35)	0.125 (3,18)	500	\$45.60
FIT-221B-1/8	0.125 (3,18)	0.062 (1,58)	1500	\$9.25
FIT-221B-3/16	0.187 (4,75)	0.093 (2,36)	1000	\$9.36

HellermannTyton

Cable Tie Installation Tools

Cable tie tension and cut-off tools reduce operator fatigue and speed assembly. Specifically developed for maximum ergonomic and performance values, the Mark 7 and Mark 9 series tools combine reduced hand effort and durable components to ensure efficient assembly and a longer life cycle.

Part #	Stroke	Weight	Cable Tie Series
MK7	1 inch	10 oz.	T18 thru T250 Series and CTT20 thru CTT60
MK9	5/8 inch	13 oz.	T18 thru T250 Series and CTT20 thru CTT175 and EL-TY Series



Cable Tie Mounting Base

Used in conjunction with cable ties, these mounting bases stabilize and secure wire and cable to most surfaces. Provided with or without adhesive. Insertion of ties can be made from all four sides. Manufactured from white and black nylon 6/6. Mounts are white. For black, replace "10" in part number with "0". Package quantity is 100. For 1000, replace suffix "C2" with "M4"



Part #	Cable Tie Series	Mount Type	Dimensions (in.)
B4A10C2	T18,	Adhesive	1.12 x 1.12
MB5A10C2	T18, T150	Adhesive	1.485 x 1.485
MB3A10M4	T18, T30	Adhesive	0.75 x 1.5
MB3A0M4	T18, T30	Adhesive	0.75 x 0.75

HellermannTyton

Cable Ties

Used to bundle and secure wire and cable, these cable ties are engineered and manufactured for maximum performance and quality. Many options of cable ties available. Whether the application demands extra strength, mounting, releasable, identification features or more, HellermannTyton has the cable tie to fit the requirement. Dimensions in inches (mm).

Heavy Duty Lashing Ties

Ties are natural. For black, replace "9" in part number with "0". Package quantity is 50. For 500, replace suffix "K2" with "H4", where appropriate.



Part #	Min. Tensile Stgth lbs.	Max. Bundle Dia.	Approx. Lgth	Approx. Wdth
T120R9K2	120	4" (101.6)	15-1/4" (387.4)	.30" (7.6)
T120R9H4	120	4" (101.6)	15-1/4" (387.4)	.30" (7.6)

Standard Cable Ties

Ties are natural. For black, replace "9" in part number with "0". Package quantity is 100. For 1000, replace suffix "C2" with "M4".



Part #	Min. Tensile Stgth lbs.	Max. Bundle Dia.	Approx. Lgth	Approx. Wdth
T30R9C2	30	1-1/4" (31.8)	6" (152.4)	.14" (3.6)
T50L9C2	50	4" (101.6)	15-1/2" (393.7)	.18" (4.6)
T50R9C2	50	2" (50.8)	8" (203.2)	.18" (4.6)
T18R9M4	18	3/4" (19.0)	4" (101.6)	.10" (2.5)
T50R9M4	50	1-3/4" (44.5)	8" (203.2)	.18" (4.6)
T30R9M4	30	1-1/4" (31.8)	6" (152.4)	.14" (3.6)
T50L9M4	50	4" (101.6)	15-1/2" (393.7)	.18" (4.6)
T50I9M4	50	3" (76.2)	11-3/4" (298.5)	.18" (4.6)
T30XL9M4	30	4 (101.6)	14-1/4" (362)	.15" (3.8)
T40I9M4	40	3" (76.2)	11-1/2" (292.1)	.15" (3.8)

Releasable Cable Ties

In applications that require frequent cable moves.

Ties are natural. For black, replace "9" in part number with "0". Package quantity is 100. For 1000, replace suffix "C2" with "M4".



Part #	Min. Tensile Strength	Max Bundle (in.)	Length (in.)	Width (in.)
REL50R9L4	50	1-3/8" (34.9)	5-1/2" (139.7)	.29" (7.39)



Heat Shrinkable Tubing - Type SPC

Thick wall adhesive lined tubing for use in outdoor and harsh environments. Ideal for cable splices. Equal to or better than similar wire jacketing materials. Rated for 1KV. 600 volt use. Shrinkage ratio: approx 67% (3:1) @ 121°C. For flexible and semi-rigid drops and trunks. Waterproof. Installs in minutes.



Part #	Expanded ID in (mm)	Recovered ID in (mm)	Recovered Nom. Wall Thick in (mm)	Mil STD Size Code
SPC 150	1.500 (38.10)	.500 (12.7)	.17 (4.32)	03



Heat Shrinkable Tubing - Type SPCM

Medium wall adhesive lined tubing for use in outdoor and harsh environments. Ideal for cable splices. Equal to or better than similar wire jacketing materials. Rated for 1KV. 600 volt use. Shrinkage ratio: approx 67% (3:1) @ 121°C. For flexible and semi-rigid drops and trunks. Waterproof. Installs in minutes.

Part #	Expanded ID in (mm)	Recovered ID in (mm)	Recovered Nom. Wall Thick in (mm)	MIL STD Size Code
SPCM 130	1.300 (33.00)	.43 (10.8)	.10 (2.5)	04
SPCM 150	1.500 (38.10)	.50 (12.7)	.10 (2.5)	05

Heat Shrinkable Tubing - Type ST-221

All purpose flexible Polyolefin tubing that has a combination of properties which satisfy a variety of demanding applications. Meets commercial and military applications. Shrinkage ratio: 50% (2:1) @ 121°C. Economical. Will not burn or support flame. Chemical and solvent resistant.

Part #	Expanded ID in (mm)	Recovered ID in (mm)	Recovered Nom. Wall Thick in (mm)	MIL STD Class/Size Code
ST-221-1/8	.125 (3.17)	.063 (1.57)	.020 (0.50)	104, 204
ST-221-3/16	.187 (4.74)	.093 (2.36)	.020 (0.50)	105, 205
ST-221-1/4	.250 (6.35)	.125 (3.17)	.025 (0.63)	106, 206
ST-221-3/8	.375 (9.50)	.187 (4.74)	.025 (0.63)	107, 207
ST-221-3/4	.750 (19.05)	.375 (9.50)	.030 (0.76)	109, 209

Expandable Polyester Braided Sleeving - Type XS-100

Polyethylene tubing that is spirally cut to simplify wiring, harnessing, cabling and bundling where breakouts or re-entering is required. Extremely flexible. Lightweight. Rot and fungus resistant. Expands up to 3 times its diameter. Easy to install.

Part #	Nom. ID in (mm)	Size Range in (mm)	Flat Width Range in.	Wall Thick in.
XS-100-1/4	.250 (6.35)	1/5 - 3/8 (13.20 - 9.50)	1/4 - 3/8	.025
XS-100-1/2	.500 (12.70)	1/4 - 3/4 (6.40 - 19.10)	1/2 - 3/4	.025
XS-100-3/4	.750 (19.10)	1/2 - 1 1/4 (12.70 - 31.80)	3/4 - 1 1/8	.025
XS-100-1-1/4	1.250 (31.80)	3/4 - 1 1/2 (19.10 - 38.10)	1 1/8 - 1 5/8	.025



4-Way Adhesive Backed Cable Tie Mount

Superior adhesive for long term reliability. Produced 2-up or 4-up for fast and easy liner removal to speed installation. Adhesive backing allows routing of wires and cables where mounting holes cannot be drilled. Used with PANDUIT® cable ties for a complete wire routing solution. ‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy Standard, LH = Light-Heavy, H = Heavy. 500 in package.



Part #	Used with Cable Ties‡	Width (in.)	Length (in.)
ABMM-A-D	M, I	.75	.75
ABM2S-A-D	M, I, S	1.00	1.00
ABMS-A-D	M, I, S	1.13	1.13

Pan-Ty® Cable Ties

One-piece construction for consistent performance and reliability. High strength and low thread force. Curved tip for easy threading and handling. A variety of materials and colors are available for specific applications. Note: "WR" indicates weather resistant material which resists ultraviolet light for outdoor use.



Miniature Cross Section (Min. Loop Tensile Strength: 18 Lbs. (80N))

Part #	Length in. (mm)	Width in. (mm)	Max. Bundle Dia. in. (mm)	Material	Color
PLT1M-M0	3.5 (99)	.098 (2.5)	.87 (22)	WR Nylon 6.6	Black
PLT1M-M	3.9 (99)	.098 (2.5)	.87 (22)	Nylon 6.6	Natural
PLT1.5M-M0	5.6 (142)	.098 (2.5)	1.25 (32)	WR Nylon 6.6	Black
PLT1.5M-M	5.6 (142)	.098 (2.5)	1.25 (32)	Nylon 6.6	Natural

Standard Cross Section (Min. Loop Tensile Strength: 50 Lbs. (222N))

Part #	Length in. (mm)	Width in. (mm)	Max. Bundle Dia. in. (mm)	Material	Color
PLT2S-M0	3.9 (99)	.098 (2.5)	.87 (22)	WR Nylon 6.6	Black
PLT2S-M	3.9 (99)	.098 (2.5)	.87 (22)	Nylon 6.6	Natural
PLT2S-M20	7.4 (188)	.190 (4.8)	.87 (22)	Nylon 6.6	Black
PLT4S-M0	14.5 (368)	.190 (4.8)	4.00 (102)	WR Nylon 6.6	Black
PLT4S-M	14.5 (368)	.190 (4.8)	4.00 (102)	Nylon 6.6	Natural

Light-Heavy Cross Section (Straight tip) (Min. Loop Tensile Strength: 120 Lbs. (534N))

Part #	Length in. (mm)	Width in. (mm)	Max. Bundle Dia. in. (mm)	Material	Color
PLT2H-L0	8.1 (206)	.300 (7.6)	2.00 (51)	WR Nylon 6.6	Black
PLT2H-L	8.1 (206)	.300 (7.6)	2.00 (51)	Nylon 6.6	Natural
PLT4H-L0	14.5 (368)	.300 (7.6)	4.00 (102)	WR Nylon 6.6	Black
PLT4H-L	14.5 (368)	.300 (7.6)	4.00 (102)	Nylon 6.6	Natural

Pan-Ty® Cable Tie Intermediate Cross Section

Versatile cable ties that can be used in countless applications. One-piece construction for consistent performance and reliability. Lowest threading force of any one piece cable tie in the industry. Available in a wide variety of materials and colors to suit your application requirements. Curved tip for easy threading and handling.



Part #	Length in. (mm)	Width in. (mm)	Thickness In. (mm)	Material	Color
PLT1.5I-M	5.6 (142)	.142 (3.6)	.045 (1.1)	Nylon 6.6	Natural

Durable Nylon 6.6 Cable Clamps

Part #	Max Bundle Dia (in.)	Mounting Method
CCS31-S8-M	.31	#8 (M4) Screw
CCS25-S8-M	.25	#8 (M4) Screw



Clincher™ Adjustable Releasable Clamp

This clamp provides a fast and convenient method of securing bundles from .19" (4.8mm) up to .69" (17.5mm) diameter. It is available with adhesive backing or screw applied with one #6 (M3) screw.



Part #	Material	Color	Length In. (mm)	Width In. (mm)
ARC.68-A-C14	Polypropylene	Gray	1.00 (25.4)	1.00 (25.4)
ARC.68-S6-C14	Polypropylene	Gray	1.00 (25.4)	1.00 (25.4)

PREMIER® Cable Ties & Accessories

Minimum tensile unlocking strength - up to 250 lbs. Operating temperature - up to 185°F (85°C). Available in a variety of colors to comply with EIA color coding standard. Available in a variety of lengths-4 inch to 29.75-inch. PREMIER offers an orange pouch with an assortment of striped cable ties. UL listed.

Part # 7364797500

Cable Tie Mount - Screw Applied

Unique cradle design provides maximum stability for cable bundle. Low profile design keeps bundle close to mounting surface where overhead space is limited. For indoor use only. Nylon 6.6 material. Color is natural. ‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate, S = Standard, LH = Light-Heavy.



Part #	Used with Cable Ties ‡	Height (in.)	Mounting Method
TM3S8-M	M, I, S, LH	.23	#8 (M4) Screw
TM3S10-M	M, I, S, LH	.23	#10 (M5) Screw

Ask About Our Selection of Patch Cords

We have Cat 5, Cat 6, coaxial, triaxial and twisted pair designed to meet your connection specifications.



- Quality wiring and shielding
- Copper and fiber
- Variety of lengths
- Standard 3, 5, 7, 10 and 15 ft.
- Longer and custom lengths
- Variety of colors to make them easily distinguishable, including white, gray, orange, red, yellow, blue, black, violet, green





CADDY® SPEED LINK Universal Support System

Eliminates threaded rod and associated hardware. Reduces installation time. Quickly installs as a stand-alone hanging system without drilling into the building structure. Features galvanized steel construction for superior fire resistant performance. Reduces inventory, storage space and shipping costs.



SPEED LINK® System

Part #	Cable Dia. mm (in.)	Cable Lgth m (ft)	Qty per Box	Load Limits (lbs)
SLD2L1	2 (.079)	1 (3.3)	100	100
SLD2L2	2 (.079)	2 (6.6)	100	100
SLD2L3	2 (.079)	3 (9.9)	100	100
SLD2L5	2 (.079)	5 (16.4)	50	100
SLD2L10	2 (.079)	10 (32.8)	25	100
SLD3L1	3 (.118)	1 (3.3)	100	200
SLD3L2	3 (.118)	2 (6.6)	100	200
SLD3L3	3 (.118)	3 (9.9)	50	200
SLD3L5	3 (.118)	5 (16.4)	50	200
SLD3L10	3 (.118)	10 (32.8)	25	200

CADDY SPEED LINK Wire Cutter

Part # SLWC

Mille-Tie™

Protects cables from crimping with "Intelligent Grip Technology". Cushions vibration. Maintains cable properties and conductor configuration. Reusable. No sharp edges. One size fits all. Mille-Tie is a trademark of Millepede International, Ltd. 100/bag, 10 bags per box.



Part #	Description
CATMTP	Red Mille-Tie (Suitable for air-handling spaces)
CATMTLS	Yellow Mille-Tie (Low-Smoke - Zero Halogen)

Versatile Thread Impression

For a variety of low voltage devices. Support point for speakers, audio/video/security panels, EXIT signs, etc. Works in 1/2" and 5/8" drywall. Use either #6-32 screw or #6 sheet metal screws. Spring steel with corrosion protection finish. 20 per box.

Part # MPVT1



CADDY® SPEED LINK LD Universal Support System

Quickly suspends static loads, even at an angle. A cost-effective alternative to jack chain, threaded rod and associated hardware in lighting, ductwork and other installation projects. Safe working load of 20 kg (44 lbs.). Meets the fire rating requirements for DIN 4102-2 for 30 minutes at 30 percent of rated load. 5:1 safety factor. Sleek low-profile locking device reduces visual impact. Adjustable after installation. Available in stainless steel for applications where a higher level of corrosion resistance is required.

Part #	Description
SLD15L1	Hook Type - 1 m (3.3 ft) wire rope length
SLD15L2	Hook Type - 2 m (6.6 ft) wire rope length
SLD15L3	Hook Type - 3 m (9.9 ft) wire rope length
SLD15L5	Hook Type - 5 m (16.4 ft) wire rope length
SLD15L10	Hook Type - 10 m (32.8 ft) wire rope length
SLD15L1T	Toggle Type - 1 m (3.3 ft) wire rope length
SLD15L2T	Toggle Type - 2 m (6.6 ft) wire rope length
SLD15L3T	Toggle Type - 3 m (9.9 ft) wire rope length
SLD15L5T	Toggle Type - 5 m (16.4 ft.) wire rope length
SLD15L10T	Toggle Type - 10 m (32.8 ft.) wire rope length
SLD15Y500	Y-Toggle Type - 500 mm (20 in) wire rope length
SLD15Y800	Y-Toggle Type - 800 mm (32 in) wire rope length
SLD15L2S	Stainless Steel - Hook Type - 2 m (6.6 ft) wire rope length
SLD15L5S	Stainless Steel - Hook Type - 5 m (16.4 ft) wire rope length
SLD15L10S	Stainless Steel - Hook Type - 10 m (32.8 ft) wire rope length



CADDY® CABLECAT Wide Base Cable Support

Provides proper support of Category 5e and 6, fiber optic and innerduct. Variety of sizes and designs available to attach to virtually any structure. Cost effective alternative to expensive cable tray. Galvanized finish on J-hooks provides smoother cable pull and greater corrosion resistance. Complies with UL, cUL, NEC and EIA/TIA requirements for structured cabling systems. *Available in stainless steel.



1 5/16" Diameter Loop

Part #	Description	Qty Per Box
CAT2124	Hammer-on 1/8" thru 1/4" flange - rotates 360°	40
CAT2124SM	Hammer-on 1/8" thru 1/4" flange	40
CAT214Z34	#12 thru 1/4" wire, plain or threaded rod and 1/8" thru 3/8" flange	60
CAT21528	Cable to acoustical tee bar	20
CAT2158	Hammer-on 5/16" thru 1/2" flange - rotates 360°	40
CAT2158SM	Hammer-on 5/16" thru 1/2" flange	40
CAT216Z34	3/8" plain or threaded rod and 3/8" thru 9/16" flange	60
CAT21912SM	Hammer-on 1/2" thru 3/4" flange	40
CAT21AB	Angle Bracket Assembly - 1/4" mounting hole	40
CAT21AF14	1/16" thru 1/4" Z purlin	40
CAT21BC	Screw-on 1/8" thru 1/2" flange	40
CAT21BC200	Screw-on 1/8" thru 5/8" flange	40
CAT21BC200B	Screw-on 1/8" thru 5/8" flange - rotates 360°	40
CAT21BCB	Screw-on 1/8" thru 1/2" flange - rotates 360°	40
CAT21VF14	1/16" thru 1/4" vertical flange	40
CAT21CD1B	Underfloor support to pedestal	40

2" Diameter Loop

Part #	Description	Qty Per Box
CAT3224SM	Hammer-on 1/8" thru 1/4" flange	40
CAT324Z34	#12 thru 1/4" wire, plain or threaded rod and 1/8" thru 3/8" flange	40
CAT32528	Cable to acoustical tee bar	20
CAT3258SM	Hammer-on 5/16" thru 1/2" flange	40
CAT326Z34	3/8" plain or threaded rod and 3/8" thru 9/16" flange	40
CAT32912SM	Hammer-on 1/2" thru 3/4" flange	40
CAT32AB	Angle Bracket Assembly - 1/4" mounting hole	40
CAT32AF14	1/16" thru 1/4" Z purlin	40
CAT32BC	Screw-on 1/8" thru 1/2" flange	40
CAT32BC200	Screw-on 1/8" thru 5/8" flange	20
CAT32BC200B	Screw-on 1/8" thru 5/8" flange rotates 360°	20
CAT32BCB	Screw-on 1/8" thru 1/2" flange rotates 360°	20
CAT32CD1B	Under floor support to pedestal	20
CAT32VF14	1/16" thru 1/4" vertical flange	40

Pin Driven J-Hook Angle Brackets

Part #	Description	Qty Per Box
AFAB3	3/16" Mounting hole (includes 1/4" - 20 x 3/8" round head screw)	50
AFAB4	1/4" Mounting hole (includes 1/4" - 20 x 3/8" round head screw)	50
AFAB6	3/8" Mounting hole (includes 1/4" - 20 x 3/8" round head screw)	50
CAT12	Up to 16 4-pair UTP or 2-strand fiber optic cable - 3/4" dia. loop	50



CADDY® CABLECAT Wide Base Cable Support Pin Driven J-Hook Angle Brackets (cont.)

Part #	Description	Qty Per Box
CAT21	Up to 50 4-pair UTP or 2-strand fiber optic cable or innerduct 1 5/16" dia. loop*	80
CAT32	Up to 80 4-pair UTP or 2-strand fiber optic cable or innerduct 2" dia. loop*	60
CAT64	Up to 300 4-pair UTP or 2-strand fiber optic cable 4" dia. loop	25
CATHBA	Extended J-Hook angle bracket - 1/4" mounting hole	40
CATHBA3	Extended J-Hook angle bracket - 3/16" mounting	40
CATHBA6	Extended J-Hook angle bracket - 3/8" mounting	40
CATHBA8	Extended J-Hook angle bracket - 1/2" mounting hole	40
CATTRC	Plenum rated tie wrap (optional)	100
CATTS	Support from tee grid	100
S3575BP100	1/4" - 20 x 3/4" round head screw	100
S3575DP100	1/4"-20 x 3/4" round head screw	100

Kits For Beam Applications

One kit per box.



Part #	Description
CAT KITA	CAT32 - 20 pieces/ CATHBA Hanger - 5 pieces BC200 Beam Clamps - 5 pieces
CAT KITB	CAT21 - 10 pieces/ CAT32 - 10 pieces, CATHBA Hanger - 5 pieces, BC200 Beam Clamps - 5 pieces (screws included)
CAT KITC	CAT21 - 20 pieces/ CATHBA Hanger - 5 pieces, BC200 Beam Clamps - 5 pieces (screws included)

4" Diameter Loop

Quantity is 25 per box.

Part #	Description
CAT6424	Mounts rotates 360°
CAT6424SM	Hammer-on 1/8" thru 1/4" flange
CAT6458	Mounts rotates 360°
CAT6458SM	Hammer-on 5/16" thru 1/2" flange
CAT64912	Mounts rotates 360°
CAT64912SM	Hammer-on 1/2" thru 3/4" flange
CAT64BC	Screw-on 1/8" thru 1/2" flange
CAT64BC200	Screw-on 1/8" thru 5/8" flange
CAT64CD1B	J-hook to 3/4" and 1" round or square pedestal
CAT64VF14	1/16" thru 1/4" vertical flange

CADDY® CABLECAT Pulley

Frees up the "second man" on cable pulling. CAT32PLR accepts up to 20 four-pair cables. (CAT64PLR - 40 four pair cables). Complies with the TIA standard requirement by minimizing the pull force on the cable. Maintains proper bend radius and protects cable during the installation. Kit includes J-hook, pin, wheel and retainer. When the job is complete, the pulley and pin assembly can be removed leaving the J-hook as a cable support.



Part #	Description	Qty Per Box
CAT32PLR	Pulley kit - CAT32 2" J-hook, pin, wheel and retainer	10
CAT64PLR	Pulley kit - CAT64 4" J-hook, pin, wheel and retainer	2



CADDY® CABLECAT Adjustable Cable Support

Up to 425 cables of 4-pair UTP or fiber optic 4" or 6" dia. loop. Provides proper support of Category 5e, fiber optic and innerduct. Variety of sizes and designs available to attach to a variety of structures. Suitable for air handling spaces (plenum).



Adjustable Cable Support

Part #	Description
CAT425	1/4" Threaded rod or horizontal surface mount
CAT425A6	3/8" Threaded Rod
CAT425WM	Wall mount - Vertical surface

Beam Clamp

Part #	Description
CAT425BC	Screw-on 1/8" - 1/2" flange (rotates 360°)
CAT425BC200	Screw-on 1/8" - 5/8" flange (rotates 360°)

Hammer On Flange Clip

Part #	Description
CAT42524SM	Hammer-on 1/8" - 1/4" flange
CAT42558SM	Hammer-on 5/16" - 1/2" flange
CAT425912SM	Hammer-on 9/16" - 3/4" flange

Purlin

Part #	Description
CAT425AF14	Hammer-on 1/16" - 1/4" Z purlin
CAT425VF14	Hammer-on 1/16" - 1/4" vertical flange

Beam Clamps

Easy installation to beam flanges up to 1/2". Supports 1/4" and 3/8" threaded rod, S-hooks, electrical boxes, conduit, J-hooks and bridle rings. Accommodates standard 1/4"-20 or #10-24 threaded bridle rings. When using rigid conduit on P Series, use next size larger clip (1/2" rigid use 12P). *Ultimate static load limit.



Part #	Description	Static Load Limit (lbs.)	Qty Per Box
BC	Beam clamp thru 1/2" flange	100	100
BC12P	3/4" conduit to beam thru 1/2" flange	25*	100
BC12PSM	3/4" conduit to beam thru 1/2" flange	15*	100
BC16M	1" conduit to beam thru 1/2" flange	100	100
BC16MSM	1" conduit to beam thru 1/2" flange	25	100
BC16P	1" conduit to beam thru 1/2" flange	25*	100
BC16PSM	1" conduit to beam thru 1/2" flange	15*	100
BC20M	1 1/4" conduit to beam thru 1/2" flange	100	100
BC20MSM	1 1/4" conduit to beam thru 1/2" flange	25	100
BC24M	1 1/2" conduit to beam thru 1/2" flange	100	50
BC24MSM	1 1/2" conduit to beam thru 1/2" flange	25	50
BC32M	2" conduit to beam thru 1/2" flange	100	50
BC32MSM	2" conduit to beam thru 1/2" flange	25	50
BC812M	1/2" to 3/4" conduit to beam thru 1/2" flange	100	100



Beam Clamps (cont.)

Part #	Description	Static Load Limit (lbs.)	Qty Per Box
BC812MSM	1/2" to 3/4" conduit to beam thru 1/2" flange	25	100
BC8P	1/2" conduit to beam thru 1/2" flange	25*	100
BC8PSM	1/2" conduit to beam thru 1/2" flange	15*	100
BCISN375	Beam clamp thru 1/2" flange 3/8" smart nut	100	100

Flexible Conduit and Cable Hangers

Bundle runs of MC or AC or communications cables. Can be used with all flange clips or deck clip DH2. Also AO or AB, VF14, AF14, 122-123.

Part #	No. of Runs of MC/AC Cable	Diameter	Ultimate Static Load Rating
WMX3	3	1 1/8"	50#
WMX6	6	1 3/4"	75#

Mounting Plate Brackets (Non-Metallic)

No sharp metal edges with new plastic design. Fast, easy to install. No installation tools required to secure bracket in the drywall opening. Serrated interlocking system secures tight. Template points on brackets eliminate multiple measurement markings during installation. Recessed design assures flush mount of device. Available in single gang, double gang and a unique 3-4 gang size. Eliminates the need for electrical boxes on low voltage class 2 applications. Note: For low voltage Class 2 only.

Part #	Description	Qty Per Box
MP1P	Single gang mounting plate	100
MPAL2	Double gang mounting plate	100
MP34P	3 or 4 gang mounting plate	20

Cable Gripper

Installs easily to metal and wood studs. Provides secure installation of multiple cables with unique locking/unlocking system. Staples, nails or screws to wood stud. Attaches to existing holes in metal studs without tools. Support four NMC or eight 4 pair UTP cable. (Electrical and Datacomm cannot be combined). Delivers compliance with: NEC 300-4(d), CEC 12-510 and 12-516.

Part # CG4

Metal Stud Punch and Easy Snap Grommet

Easy Snap Grommet

Snap one grommet into standard 1 11/32" field punched hole, or snap two together into any shape factory punched hole. Provides full 360° protection for cable and makes cable pulls easier. Delivers compliance with: NEC Article 300-4(b)(1) and CEC rule 12-516.

Part #	Qty Per Box
ESG1	100
ESG1M	1000

Metal Stud Punch

Cushioned handles mean less operator fatigue and more comfortable handling. Tool design with offset handles allows punch to work in confined locations and near perpendicular walls. Lightweight punch makes accurate location of holes easier. Hardened steel components keep tool sharper longer - less replacement. Punches up to 20 gauge sheet metal. Plastic grommets snap easily into 1 11/32" hole.

Part # MSP20



Hammer-On Flange Clips

Locates a "portable" 1/4" hole with just a hammer. Installs easily regardless of insulation materials on beam flange. Fits most beams and bulb tees. Quantity is 100 per box.



Part #	Flange Thickness	Static Load Limit (lbs)
2H4	3/32" - 9/64"	160
4H24	1/8" - 1/4"	200
4H58	5/16" - 1/2"	200
4H912	9/16" - 3/4"	200

When used with CADDY combination conduit hanger, the conduit run lines up with "knock-outs" in outlet box and eliminates offsets and bends. Provided with a 1/4"-20 thread impression so that the box may be quickly and securely attached to the clamp. Also available with a staked stud, 1/4"-20 x 3/8" to provide easier attachment of outlet boxes to beams. Eliminates having to use loose screws. Quantity per box is 100. Add S to end of part number for static load limit clips.



Part #	Flange Thickness
M24	1/8" - 1/4"
M58	5/16" - 1/2"
M912	9/16" - 3/4"

Flange Mount Conduit Clip

Bottom mounted. For side mounted, add SM to end of part number. Available for 3/8" thru 2" EMT, rigid and aluminum conduit. Requires only hammer and pliers to install. Will pivot thru 360°.



Part #	Description	Qty Per Box
16M24	1" conduit to 1/8" to 1/4" flanges	100
16M58	1" conduit to 5/16" to 1/2" flanges	100
16M912	1" conduit to 9/16" to 3/4" flanges	100
20M24	1 1/4" conduit to 1/8" to 1/4" flanges	100
20M58	1 1/4" conduit to 5/16" to 1/2" flanges	100
20M912	1 1/4" conduit to 9/16" to 3/4" flanges	50
24M24	1 1/2" conduit to 1/8" to 1/4" flanges	50
24M58	1 1/2" conduit to 5/16" to 1/2" flanges	50
24M912	1 1/2" conduit to 9/16" to 3/4" flanges	50
32M24	2" conduit to 1/8" to 1/4" flanges	50
32M58	2" conduit to 5/16" to 1/2" flanges	50
32M912	2" conduit to 9/16" to 3/4" flanges	50
6M24	3/8" MC/AC cable to 1/8" to 1/4" flanges	100
6M58	3/8" MC/AC cable to 5/16" to 1/2" flanges	100
6M912	3/8" MC/AC cable to 9/16" to 1/2" flanges	100
812M24	1/2" to 3/4" conduit to 1/8" to 1/4" flanges	100
812M58	1/2" to 3/4" conduit to 5/16" to 1/2" flanges	100
812M912	1/2" to 3/4" conduit to 9/16" to 3/4" flanges	100

Mounting Plate Brackets (Metallic)

Provides positive support with locking screws (included). Mounts any standard low voltage device in 1/2" through 1 1/4" walls. Makes wire "fishing" easier. Install with a drywall saw and screwdriver. Eliminates the need for an electrical box when installing low voltage Class 2 wiring. Note: For low voltage Class 2 use only. Quantity is 100 per box.

Part #	Description
MPLS	Single gang screws to drywall (screws included)
MPLS2	Double gang screws to drywall (screws included)



Low Voltage Mounting Bracket

Provides a bracket for mounting low voltage Class 2 communication outlets. Side support provides for a rigid installation. May be installed to the front or the side of the metal or wood stud. Eliminates bulges in the dry wall caused by plaster rings. Attaches with self-tapping screws or nails. Works with 1/2" and 5/8" dry wall. Compliant with TIA/EIA-569-A (2/98) and TIA/EIA-570-A (10/99) standards. Quantity is 25 per box.



Part #	Description
MP1S	Plate mounting bracket for new work
MP2S	Double gang plate mounting bracket for new work

Plain, Threaded and Wood Screw Bridle Rings

When combined with other CADDY® Fasteners, Bridle Rings can be located on: Beam flanges up to 3/4" - 2FMP28, BC, BC200 and M912. Drop wire - 4Z34 - 6Z34. Concrete - 4TIB. "C" purlins - VF144TI. "Z" purlins - 1224TI or AF144TI. Acoustical T-grid - ATS41 or ATA41. Quantity is 100 per box (except 4BRT64 is 50 per box).



Part #	Diameter	Stock Dia.
2BR12	3/4"	#8 wire (.162)
2BR20	1 1/4"	#8 wire (.162)
2BR32	2"	#8 wire (.162)
2BR8	1/2"	#8 wire (.162)
2BRT12	3/4"	10-24 threaded
2BRT20	1 1/4"	10-24 threaded
2BRT32	2"	10-24 threaded
2BRT8	1/2"	10-24 threaded
4BRT20	1 1/4"	1/4"-20 threaded
4BRT20WS	1 1/4"	#14 wood screw thread
4BRT32	2"	1/4"-20 threaded
4BRT32WS	2"	#14 wood screw thread
4BRT64	4"	1/4"-20 threaded

CADDY® CAT-CM Cable Support System

Specially designed U-Hooks and double J-Hooks have large-diameter, rounded support surfaces/edges to avoid overbending and kinking of cables U-Hooks available in a range of sizes for different cable capacity needs. Three installation options that can easily be combined resulting in installation flexibility to meet every need: rod-mounted option, cantilever-mounted option and strut-mounted option. *Quick-Attach T-nut for HALF SLOT Strut .

Part #	Description	Std Box/Case Qty	Weight per Box Kg.(Lb.)
CAT200CM	U-Hook 200 mm/8" with T-nut*	10/50	2.7 (6)
CAT300CM	U-Hook 300 mm/12" with T-nut*	10/50	3.2 (7)
CART300CM	Wire Retainer 300 mm/12"	50/no case	4.5 (10)
CAT100CM	Double J-Hook	20/120	3.4 (7.5)
CAT200CMLN	U-Hook 200 mm/8" less nut	10/50	2.3 (5)
CATRL300CM	Roller 300 mm/12" (incl. rod & nuts)	10/no case	3.2 (7)
CART200CM	Wire Retainer 200 mm/8"	50/no case	3.4 (7.5)
CATTBCM	Protection tube	30/no case	1.6 (3.5)
CAT300CMLN	U-Hook 300 mm/12" less nut	10/50	2.7 (6)
CATRL200CM	Roller 200 mm/8" (incl. rod & nuts)	10/no case	2.3 (5)



KWIKPATH® Plenum Raceway

Kwikpath Plenum is a nonmetallic, flexible corrugated cable raceways. Vibrant orange in color, Kwikpath Plenum meets the UL tests on flame propagation and smoke density with values well below the standard requirements. This heat/smoke-resistance make it an ideal raceway to run Optical Fiber Cables (OFPN) and/or Communication Cables (CMP/CMP-OF) through plenums and other spaces used for environmental air. *Available without Pull Tape.



Coil with Pull Tape*

Part #	Size	Length
KPP075TC	3/4"	200'
KPV100TC	1"	200'
KPV125TC	1 1/4"	200'
KPV150TC	1 1/2"	200'
KPV200TC	2"	200'

Reel with Pull Tape*

Part #	Size	Length
KPP075TC	3/4"	1000'
KPV100TR	1"	1000'
KPV125TR	1 1/4"	1000'
KPV150TR	1 1/2"	750'
KPV200TR	2"	500'

Master Reels

Part #	Size	Length
KPP100TR48	1"	2500'
KPP100TR72	1"	5000'
KPP125TR72	1 1/4"	4000'

KWIKPATH® Plenum Fittings

Kwikpath Plenum fittings are molded from approved material to be used with Kwikpath Plenum raceway meeting all UL requirements. For this reason, Kwikpath Plenum fittings ensure system integrity and eliminate worries about whether the fittings are approved for use. The fitting's convenient snap-on design ensures quick and easy installation as well as tremendous pull-out strength.



Part #	Type	Size
KPPC075	Plenum Coupling	3/4"
KPPC100	Plenum Coupling	1"
KPPC125	Plenum Coupling	1 1/4"
KPPC150	Plenum Coupling	1 1/2"
KPPC200	Plenum Coupling	2"
KPTA075	Plenum Terminal Adapter c/w Lockout	3/4"
KPTA100	Plenum Terminal Adapter c/w Lockout	1"
KPTA125	Plenum Terminal Adapter c/w Lockout	1 1/4"
KPTA150	Plenum Terminal Adapter c/w Lockout	1 1/2"
KPTA200	Plenum Terminal Adapter c/w Lockout	2"
KPPY075	200 Plenum Y Coupler	3/4" to 2"

KWIKPATH® Riser

The backbone of the structured cabling system, Kwikpath Riser is a nonmetallic, flexible PVC corrugated product manufactured and tested specifically for riser applications. Easily identified by its pale orange color, it's available in convenient coil or reel packaging. *All products available without Pull Tape. + Without Pull Tape.



Kwikpath Riser Communication Raceway- Coil with Pull Tape*

Part #	Size	Length
KPR075TC	3/4"	200'
KPR100TC	1"	200'
KPR125TC	1-1/4"	200'



KWIKPATH® Riser (cont.)

Part #	Size	Length
KPR150TC	1-1/2"	200'
KPR200TC	2"	200'

Kwikpath Riser Communication Raceway- Reel with Pull Tape*

Part #	Size	Length
KPR100TR	1"	1000'
KPR125TR	1-1/4"	1000'
KPR150TR	1-1/2"	750'
KPR200TR	2"	500'
KPR075TC	3/4"	1000'

Kwikpath Riser Communication Raceway- Master Reels

Part #	Size	Length
KPR100TR48	1"	2500'
KPR100TR72	1"	5000'
KPR125TR72	1-1/4"	4000'

Riser Fittings

Made from the same material as Kwikpath Riser Raceway, Kwikpath Riser couplings and terminal adapters are available in 3/4" to 2" sizes. Kwikpath fittings need no messy cement bonding; their unique six locking tab design offers tremendous pull-out strength and ensures once a fitting is connected, it stays connected.



Riser Coupling

Part #	Size
KPRC075	3/4"
KPRC100	1"
KPRC125	1-1/4"
KPRC150	1-1/2"
KPRC200	2"

Riser Terminal Adapter c/w Lockout

Part #	Size
KRTA075	3/4"
KRTA100	1"
KRTA125	1-1/4"
KRTA150	1-1/2"
KRTA200	2"

KWIKPATH® RESI- Resi Raceway

Kwikpath Resi is a flexible raceway system created especially for residential communications systems, arranging and organizing telephone, Ethernet, satellite, Internet, video, security and sound cabling. Installing Kwikpath Resi into a home allows the owner to add or change cabling without having to tear out walls or surface-mount cables along walls and baseboards. Its caramel color makes it easily recognizable and visible preventing damage to cabling when renovations require tradesman to enter or change the walls.



Kwikpath Resi Communication- Coil Empty

Part #	Size	Length
KPH075C	3/4"	200'
KPH100C	1"	200'
KPH125C	1-1/4"	200'
KPH150C	1-1/2"	200'
KPH200C	2"	200'



KWIKPATH® RESI- Resi Raceway (cont.)

Kwikpath Resi Communication- Reel Empty

Part #	Size	Length
KPH075R	3/4"	1000'
KPH100R	1"	1000'
KPH125R	1-1/4"	1000'
KPH150R	1-1/2"	750'
KPH200R	2"	500'

KWIKPATH® Accessories

Cutting Tools

While no special tools are needed to install Kwikpath, Kwikon® cutters easily cut Kwikpath raceways to your exact specifications.



Part #	Description
CLC20	Cutting tool 1/2"-1"
CLC35	Cutting tool 1/2" -2"
SSB	Replacement Blade CLC20
SB35	Replacement Blade CLC35

Seal End Plugs

For temporary and long-term closure of raceway ends, the insertion of sealing end plugs ensures the raceway conduit remains clean and ready for future needs.



Part #	Size
SEP075	3/4"
SEP100	1"
SEP125	1-1/4"
SEP150	1-1/2"
SEP200	2"

Riser/Resi Straps

2-hole straps may be used for 3/4" to 2" Kwikpath Riser/Resi Communication Raceway. They are manufactured of the same material as Riser/Resi raceway. The KPS straps allow for compliance with installation requirements providing for proper support of Riser/Resi raceways.



Part #	Size
KPS075	3/4"
KPS100	1"
KPS125	1-1/4"
KPS150	1-1/2"
KPS200	2"

Conduit Clamps & Spacers

Designed for use with PVC conduit, the Conduit Clamps and Spacers (CCS) provide installation flexibility, strength and lasting reliability. They are engineered to accommodate proper expansion and contraction of conduits and prevent unwanted clamp opening.



Part #	Size
CCS10	1/2"
CCS15	3/4"
CCS20	1"
CCS25	1-1/4"
CCS30	1-1/2"
CCS35	2"
CCS-B	Base



DWR Series Sectional Wall Racks

Equipped with a locking pivoting center section, fully-adjustable 11-gauge, 10-32 threaded front rackrail and a large laser knockout in the rear which provides smooth cable entry. Comes with a locking smoked plexiglass front door. Two laser knockouts on top and bottom of cabinet allow for optional fan units. Pivoting design (non-hinged) provides weight capacities of 150, 200 and 300 lbs. Features an advanced cable management system residing in the center and rear sections. Solid or vented doors can be ordered as an option. Cabinet can be ordered less the front door by simply removing the suffix "PD" from the part number. Durable black textured powder coat finish. *Accommodates vertical power strips L (long), M (medium) and S (short). When mounting vertical power strips in DWR wall racks, part number PB-DWR is required. UL Listed.



Part #	Depth	Racking Height	Weight Capacity	Overall Height	Power Strip*
DWR-10-22PD	22" deep (20" useable)	17 1/2" (10 space)	150 lbs.	24 9/16"	-
DWR-24-22PD	22" deep (20" useable)	42" (24 space)	300 lbs.	49 1/16"	S
DWR-18-26PD	26"	31 1/2" (18 space)	250 lbs.	38 9/16"	E,C
DWR-24-26PD	26"	42" (24 space)	300 lbs.	49 1/16"	E,G,J,C

Swing Frame Rack

Perfect solution for mounting patch panels, routers, hubs and switches. Simplifies wiring tasks by opening a full 90° with a positive stop to facilitate punch-downs. Features cable pass-throughs and tie points for ease of cable management. Fully reversible open frame design provides a 18" depth, 100 lb. weight capacity and provides the greatest strength in its class. Constructed of 14-gauge steel with 11-gauge steel rackrail and finished in a durable black textured powder coat. TIA/EIA compliant.



Part #	Dimensions (W x H x D)
SFR-12-18	19" x 21" x 18"
SFR-20-18	19" x 35" x 18"

19" Steel Relay Racks

Incorporating a self-squaring, self-leveling design which greatly speeds assembly. Racks come threaded 10-32 or 12-24. Channels made from 11-gauge steel to provide extra strength. Top rails accommodate standard cable ladders. Optional cantilever support base adds stability when installing deep equipment. Finished in black powder coat, 50 rack screws are included. Note: When mounting vertical power strips, part number PB-5A (mounting brackets) are required. TIA/EIA compliant.



Part #	Type	Overall Height	Racking Height	Power Strip*
RL10-45	10-32 thread	84"	45 space	L, M, S

Aluminum Relay Rack

Constructed from 3/16" extruded aluminum uprights that are 12/24 threaded front and rear. Heavy duty 1/4" thick aluminum base is 15" deep for stability and includes holes for securing to floor. Heavy duty 1/4" thick aluminum top angle. Aluminum relay racks comes in silver brushed aluminum finish or black powder coat and include 25 rackscrews. Note: When mounting vertical power strips, part number PB-5A (mounting brackets) are required. TIA/EIA compliant.



Part #	Panel Width	Qty	Racking Height	Power Strip*	Finish
RLA19-1245	19"	1	45 space	L, M, S, XS	Silver
RLA19-1245B	19"	1	45 space	L, M, S, XS	Black

DRK Series Cable Management Enclosures

Designed to provide solutions to high-density cable-management challenges. Featuring a 30" wide footprint. Available in 19", 23" and 24" panel widths. Fully welded construction provides a substantial 1000 lb. weight capacity while 14-gauge steel top and bottom, one-piece steel sides, and four front to rear 1/8" thick structural steel internal braces. Includes fully-adjustable front and rear rackrail, a reversible vented rear door, and a standard top which comes with an opening to accept a 10" fan. 100 Rack screws are included. Racking height - 77" (44 space). OD height - 83 1/2". OD width - 30". Accommodates extra long, long and short vertical power strips. Available less rear door. To order, suffix part number with 'LRD'.



Part #	Panel Width	Rackrail	Useable Depth	OD Depth
DRK19-44-31	19"	10-32 Threaded on EIA standard spacing	24.25"	31 1/2"
DRK19-44-31K	19"	10-32 Threaded on EIA standard spacing	24.25"	31 1/2"
DRK19-44-31PRO	19"	Square hole (cage-nut style) on EIA standard spacing	24.25"	31 1/2"
DRK19-44-36	19"	10-32 Threaded on EIA standard spacing	28.75"	36"
DRK19-44-36PRO	19"	Square hole (cage-nut style) on EIA standard spacing	28.75"	36"
DRK19-44-42	19"	10-32 threaded on EIA standard spacing	34.75"	42"
DRK19-44-42PRO	19"	square hole (cage nut style) on EIA standard spacing	34-3/4"	42"
DRK23-44-31	23"	10-32 Threaded on EIA standard spacing	28.25"	31 1/2"

RSH Series Custom Rackmounts

Install virtually any component in a standard 19" enclosure without making any modifications. Custom cut to provide a perfect opening for the face of the component you are mounting, each RSH unit provides a neatly-trimmed installation with a perfect fit and no gaps. Unit assembles easily in minutes and includes rear brackets to prevent the mounted component from sliding back. A ventilated bottom promotes cooling. Bottom depths are automatically provided in 11 1/2", 14", 15 1/2", 17 1/2", or 20 1/2" styles. Custom rackmounts will accept any component up to 18 7/8" wide (maximum width of opening 17 25/35"). *Add -C for clamp kit.



Part #	Finish
RSH4A	Black brushed and anodized*
RSH4C	Silver brushed and anodized*
RSH4S	Black textured powder coat*
AFACE	Black anodized face plate only
CFACE	Silver anodized face plate only
SFACE	Black textured face plate only
RSH4A-LCD	Black brushed and anodized - LCD rackmount custom version
RSH4C-LCD	Silver brushed and anodized - LCD rackmount custom version
RSH4S-LCD	Black textured powder coat - LCD custom rackmount version

Racks & Cabinets



Rackmount LCD, Keyboard and Touchpad

Space saving design occupies a single rackspace. No hassle 1 year warranty. Easy to read bright active matrix LCD display. LCD can be in open position for system monitoring while keyboard is in the closed position. Standard 101, 102 key PS/2 keyboard with touchpad 1024 x 768 screen resolution (15" display), 1280 x 1024 (17" display). Rear articulating cable carriers provide cable strain relief. Racking height is 1 3/4" (1 space).



Part #	Description
RM-KB-LCD15	Single space rackmount 15" LCD monitor with keyboard and touchpad
RM-KB-LCD17	Single space rackmount 17" LCD monitor with keyboard and touchpad

Vented Cantilever Shelf

This 3 space (5 1/4") unit is capable of supporting up to 60 lbs., and is 17 3/4" deep. Equipped with a slotted rear flange for effective cable management and made from 16-gauge steel. Black powder coat finish. TIA/EIA compliant.



Part # U317

Universal Rackshelves

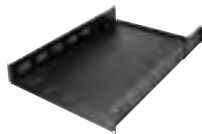
These easy-to-install shelves fit all components up to 17 3/8" wide to quickly meet all of your rackmounting needs. Made from 16-gauge steel and finished in a durable black powder coat.

Part #	Racking Height	Depth	Capacity
U1	1 3/4" (1 space)	11"	35 lbs.
U2	3 1/2" (2 space)	14 3/4"	50 lbs.
U3	5 1/4" (3 space)	14 3/4"	70 lbs.



Deep Video Rackshelf

At only 2 rackspaces high (3 1/2"), the VDS shelf is a fully vented mounting solution for virtually any video component. Built expressly for heavy and deep equipment, this shelf has a range of front to rear mounting adjustment from 24 1/2" to 29". Featuring a substantial 350 lb. capacity, it is equipped with telescopic rear rail mounts. Note: Fits in racks with a minimum 27" overall depth. Shelf area (WxD) is 17 3/8" x 25 1/2".



Part # VDS

Universal Cabinet Top Options

All MW Series tops include a 2 rackspace removable service plate allowing cable bundle entry or use of rack panels.



Part #	Style	Fits
MW-ST	Solid	WRK, MRK, VRK, VMRK, DRK Series
MW-VT	Vented	WRK, MRK, VRK, VMRK, DRK Series

Pivoting Panel Mounts

Allows easy rear access. Design facilitates punching down while fully open. Tie points for cable management, hook and loop cable fasteners. Rugged steel construction. Black powder coat finish. Rack screws and hook and loop fasteners included. Note: When using the door option, top cover is required.

Part #	Dimensions (W x H x D)
PPM-2	19" x 3.5" x 6" pivoting panel mount
PPM-4	19" x 7" x 6" pivoting panel mount
PPM-6	19" x 10.5" x 6" pivoting panel mount
PPM-6-12	19" x 10.5" x 12" pivoting panel mount
PPM-8-12	19" x 14" x 12" pivoting panel mount



VTF Vent Panels

Tight perforated pattern limits viewing for aesthetics. Flanged, made from 16-gauge steel. Black powder coat finish.

Part #	Racking Height
VTF1	1 3/4" (1 space)
VTF2	3 1/2" (2 space)
VTF3	5 1/4" (3 space)



VT Vent Panels

Made from 16-gauge perforated steel, and are flanged for extra strength. Black powder coat finish.

Part #	Racking Height
VT1	1 3/4" (1 space)
VT2	3 1/2" (2 space)
VT3	5 1/4" (3 space)



Universal Cabinet Side Panels

SPN series panels fit all WRK, MRK, VRK, VMRK and DRK Series enclosures. These side panels feature stylish beveled corners to match the aesthetics of the enclosure, easily lift on and off, and include an internal locking kit. Black textured powder coat finish. Sold in pairs. Each side panel adds 5/8" to overall width.



Part #	Fits WRK, MRK, VRK, VMRK
SPN-44-312	44 space 31" and 32" deep
SPN-44-36	44 space 36" deep

EB/FEB Series Blank Panels

Available in your choice of flanged or flat style, these economical steel blank panels feature a durable black powder coat finish. EB Series panels are 16-gauge, FEB Series panels are 14-gauge steel.



Part #	Type	Racking Height
EB1	Flanged	1 3/4" (1 space)
EB2	Flanged	3 1/2" (2 space)
EB3	Flanged	5 1/4" (3 space)
EB4	Flanged	7" (4 space)
FEB1	Flat	1 3/4" (1 space)
FEB2	Flat	3 1/2" (2 space)
FEB3	Flat	5 1/4" (3 space)
FEB4	Flat	7" (4 space)

Brush Grommet Panel

Provides a clean, organized cable entry method when used in conjunction with any work surface. Features a built-in cable management tray.



Part #	Description
BR1	1 rmu brush grommet panel with cable strain relief
BR2	2 rmu brush grommet panel with cable strain relief

Universal Cabinet Front Doors

Offered in lightly smoked plexiglass, fully vented, and solid configurations. Beveled corners provide a stylistically modern appearance, while hinging either left or right. Black textured powder coat finish. Includes keylock. Fits WRK, MRK, VRK, VMRK, ERK, DWR, SR Series.



Part #	Door Type	No. of Rack Spaces
FD-44	Solid Door	44
PFD-44	Plexi Door	44
VFD-44	Vented Door	44



Vertical Cable Manager

Full-length cable manager for RLA series relay racks features abundant cable pass-throughs, cable lacing points, and solid front door with 3-point magnetic latch. Full length cable chase for RLA series.



Part # RLA-CC

CK Series Cable Organizers

Built to handle extra large cable bundles while providing simple distribution provisions front and rear. Made to fit RL10-45 and RL12-45 relay racks, each CK series organizer measures 6" wide by 9" deep (4 1/2" front, 4 1/2" rear), and is outfitted with strategically-placed lacing points with abundant front to rear cable openings. Center units are intended to be bolted between racks, and allow front and rear cables to exit either left or right. End units facilitate left or right cable exit as well, each of which is selectable by turning the duct when mounting. Optional split organizer covers hides wires and cables and enhances appearance. The covers fit both center and end units, hang off to the side when removed and are split for quick access. Black powder coat finish, two pieces cover one duct. TIA/EIA compliant.



Part #	Description
CK-45	Center organizer, 45 sp. (84" overall) black finish
CK-45E	End organizer, 45 sp. (84" overall) black finish

Horizontal Cable Managers

These 19" cable managers provide a strong yet attractive method for organizing patch cords and maintaining required bend radius. Finished in a durable black powder coat. The D-Ring product provides a creative solution for adding individual D-rings to a rack or on a wall. Mounting holes are rack compatible or can be used to mount directly to any wall material using appropriate fasteners. TIA/EIA compliant.



Part #	Description	Panel Width
HCM-1	1 3/4" (1 space) "micro-clip" style	19"
HCM-1D	1 3/4" (1 space) "D-ring" style	19"
HCM-2D	3 1/2" (2 space) "D-ring" style	19"

Vertical Lacer Strips

Highly perforated steel lacer strip mounts vertically to rackrail brackets and provides ample holes for cable ties. 77" (44 space) length, can easily be cut down to smaller sizes. New 1" versions available, with and without pre-installed tie saddles for enhanced cable management.

Part #	Description
LACE-44LP	3 1/2" width, 44 space with generous bridge lances for hook and loop cable fasteners and cable ties
LACE-44-1SP	1" width, 44 space with pre-installed tie saddles
LACE-44-1P	1" width, 44 space tapped for tie saddles



Horizontal Lacer Bars

Made from 1/4" diameter rod with flattened ends (model LBP-1R, LBP-1.5 and LBP-1R4) or 3/16" thick aluminum (model LBP-1S), and finished in black powder coat, each bar provides convenient cable tie points. Model LBP-1R4 features a 4" offset and model LBP-1.5 features a 1 1/2" offset for easy viewing of cable identification. Model LBP-1A features a formed "L" shape, generous cable tie slots, and a special coating to protect cable. All lacer bars sold in packs of 10. TIA/EIA compliant.

Part #	Style	Panel Width
LBP-1.5	1.5" offset round rod	19"
LBP-1A	"L" bar	19"
LBP-1R	Round rod	19"
LBP-2A	2" offset "L" bar	19"



Truss-Head Hardware

These HP series rackscrews are 3/4" long with 10-32 threads and feature an attractive Phillips truss-head for a clean, modern appearance. All screws have a self-guiding pilot point, including factory-installed nylon washers for convenience and are heat-treated for strength and to resist head stripping.

Part #	Finish	QTY
HP	Black	100 pc.
HP500	Black	500 pc. in a reuseable jar



12-24 Hardware

Primarily used in telecommunications and data, these 5/8" long 12-24 threaded screws are heat-treated to prevent head stripping. Black oxide finish, complete with nylon washers. 100 pieces.

Part # HP-24



Caster Base

With a 1300 lb. capacity, these caster bases are equipped with heavy duty non-locking 3" swivel wheels. Each base comes with its wheels preinstalled, fits inside rack, and raises total rack height only 3/4".

Caster base works with LF leveling feet. Note: Inner platform base and caster base do not fit VMRK-54 and VRK-44-31H racks.

Part #	Type	Fits
CBS-MRK-31	Caster Base	MRK 31" deep
CBS-MRK-36	Caster Base	MRK 36" deep



Star Post Bit

Star post bit drives HTX security screws.

Part # TBIT



Star Post Hardware

Highest security screws feature a star post drive. 10-32 by 3/4", comes complete with factory-installed black nylon washers in lots of 50. Black oxide finish. Star post drive bits available.

Part # HTX





Heavy Duty D and TD Series Drawers

Fully enclosed with inside dimensions measuring 15 7/8" wide by 14 1/2" deep, the D and TD Series drawers feature spring-loaded latches and rugged, straight forward construction. Faceplates come with a textured black powder coat or black brushed and anodized finish. Installed keylock available optionally, just suffix the desired part number with the letters "LK" when ordering. *Includes file hanging kit and installed keylock.

Part #	Finish	Racking Height
D2	Black anodized	3 1/2" (2 space)
D3	Black anodized	5 1/4" (3 space)
D4	Black anodized	7" (4 space)

115 Volt Rackmount Power Strips

Rackmount units provide economical power distribution and sequencing.



Equipped with 8 circuit breaker protected 20 amp rear outlets (NEMA 5-20R), and one 15 amp front outlet (NEMA 5-15R). 9" depth provides easy access to the yoke-mounted rear outlets, while the extra-long 9' AC cord eliminates the need for an additional extension cord. An illuminated power switch is located on the front panel, and a 20 amp circuit breaker is located in the rear. Occupies one rackspace. UL File #E204950. UL Standard 1419. TIA/EIA compliant. Nine outlets (8 rear, 1 front).

Part # PD-920R-NS

Equipped with eight 15 amp rear outlets and one 15 amp front outlet. Standard equipment includes surge and spike protection, EMI filtering and a 9' cord. A generous 9" depth provides easy access to the 15 amp rear panel outlets which are solidly mounted on yokes to eliminate deflection. An illuminated combination power switch/circuit breaker is located on the front panel. Finished in a durable black powder coat, occupies one rackspace. UL File #E204950. UL Standard 1419. TIA/EIA compliant.

Part # PD-915R

High Density 15 Amp Slim Power Strips

Power strips contain a number of outlets that have been spaced to accommodate plug-in power supplies. Measures 1 1/4" deep by 1 5/8" wide. Provides maximum usability while taking up minimum space. Comes complete with 10' power cord terminated with a NEMA 5-15P plug, 15 amp circuit breaker and mounting system.



Part #	Protection	No. Outlets	OD Length
PD-2415SC-NS	Circuit breaker	24	60"
PD-815SC-NS	Circuit breaker	8	18"

PDT Series Thin Power Strips

PDT Series Thin Power Strips take up minimal space inside a rack and feature a unique design that allows for isolated ground configurability. Dual circuit models can be configured to operate as a single circuit and all models are factory assembled for easy installation.



Part #	Circuit	Outlets	OD Length
PDT-1015C-NS	15 Amp	10	37.75"
PDT-1020C-NS	20 Amp	10	37.75"
PDT-2015C-NS	15 Amp	20	72.75"
PDT-2020C-NS	20 Amp	20	72.75"



Captive Washer Screws

Specially designed washer-head screw with pre-assembled nylon washer speeds assembly while providing a clean, professional appearance. Heat treated for strength and oiled to resist rust. Contain 3/4" long screws with 10-32 threads.

Part #	QTY
HW100	100 pc. in a poly bag
HW500	500 pc. in a reuseable jar



Leveling Feet

Adjustable leveling feet fit steel cabinets (except for VRK series). Hex drive allows for adjustment. Leveling feet also work with caster bases for MRK and WRK series racks. Set of four.



Part # LF

Guardian Series™ Square Post Hardware

These highest security screws feature a unique square post drive, 10-32 by 3/4", all screws have a self-guiding pilot point, and include factory installed nylon washers, in lots of 100. Black oxide finish.

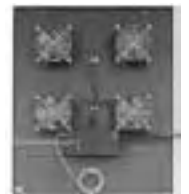
Part #	Description
HSK	100 pc. screws
SPBIT	square post drive bit



Integrated Fan Tops

Includes proportional speed thermostatic fan control to ensure that fans only run when needed, extending fan life, reducing noise and maintenance requirements. Ships complete, with installed 10" or 4-1/2" quiet fans.

Part #	# of Fans	Fan Size	Fits
MW-10FT-FC	1	10"	WRK, MRK, DRK, VRK, VMRK Series
MW-4QFT-FC	4 quiet	4-1/2"	WRK, MRK, DRK, VRK, VMRK Series



19" Open Racks and Mini Rack - 4 Post - Double Frame

Quick access to equipment. Designed to house 19" standard mounting devices. Modular design makes it easy to assemble and dismantle. Uprights can be used as a cable manager. Powder coat paint finish. Leveling feet included. Rigid, welded frame construction. Sturdy steel construction. Easy mounting, fast assembly. Use as single frame or double frame. Four point mounting accessories available. 42U (73.5"), 24 x 30 x 73.5 in.

Part # 674200



19" Free-Standing Cabinets

Pre-assembled. Front features a full length smoked and shatterproof glass door reinforced with decorative metal frame. Pop up lock and three point locking mechanism. Mounting brackets allow for flexible configuration and adjustable in depth. Multiple cable entry points on the roof and bottom of frame. Quickly release, lockable and removable side doors with slam latches and locks. Powder coat paint finish. Vented top panel. Secure, locking front and back doors with spring loaded hinges for best accessibility. Reversible doors. Leveling feet included. Black. 31.5" Depth - 42U (73.5"), 24 x 30 x 73.5 in.

Part # 601597





19" Server Cabinets

Pre-assembled. Front door features a full length smoked and shatterproof glass door, reinforced with decorative metal frame. Pop up lock and three point locking mechanism. Mounting brackets allow for flexible configuration and adjustable depth. Multiple cable entry points on the roof and bottom of frame. Quick release, lockable and removable side doors with slam latches and locks. Powder coat paint finish. Leveling feet included. Vented top panel. Secure, locking front and back doors with spring loaded hinges for best accessibility. Removable doors for connecting cabinets. Reversible doors. Black. 42U (73.5"), 24 x 39.6 x 73.5 in.



Part # 674261

19" Wall Mount Cabinets

Pre-assembled. Front door features a full length smoked and shatterproof glass door reinforced with decorative metal frame. Pop up lock and three point locking mechanism. Mounting brackets allow for flexible configuration and adjustable depth. Multiple cable entry points on the roof and bottom of frame. Quick release, lockable and removable side doors with slam latches and locks. Powder coat paint finish. Leveling feet included. Vented top panel. Black.



Part #	Description
601382	9U (15.7"), 24 x 18 x 15.7 in.
601443	12U (21.0"), 24 x 18 x 21 in.

PREMIER

Racks & Shelves

These aluminum equipment racks are easy to assemble and capable of supporting 700 pounds of weight when securely fastened together and adequately anchored to a concrete floor. The racks are drilled and tapped on both sides with the universal spacing hole pattern 5/8-inch - 5/8-inch - 1/2-inch and have a 45RMS capacity. Universal hole pattern on both sides. Includes 32 each #12-24 mounting screws. Shelves guaranteed to support 50 lbs. of distributed weight.

Part #	Description
961117500	19 Inch x 7 Foot Double Sided Aluminum Black

Cable Managers

Cable managers provide horizontal and vertical management to organize patch cords and backbone/horizontal wiring in the equipment racks. The cable managers are available in single and double-sided designs to suit any application. It is recommended to use cable managers between every patch panel and equipment rack.

Part #	Description
4484497500	Double Sided Raceway Horizontal 3.5" x 19" 2RMS
5122467500	Double Sided Vertical 4" x 5" x 35" With Hinged Covers



410 Series Floor Enclosure - 19" x 32" Size Group

19" mount floor enclosures are a 32" depth design which allow for deep dimensional mounting requirements. Manufactured to ANSI/EIA RS310-D standards. Feature louvered side and rear removable keyed panels offering easy access to equipment and cabling. Comes complete with dual fans, 4 (2 front, 2 rear) adjustable mounting rails tapped with EIA spaced #12-24 threading, casters, leveling feet, ground bus and lockable acrylic front door.



Part # FE4119-45-02

400 Series Floor Enclosure - 19" x 24" Size Group

Feature louvered side and rear removable and keyed panels for increased air-flow and ventilation. Comes complete with dual fans, 4 (2 front, 2 rear) adjustable mounting rails tapped with EIA spaced #12-24 threading, casters, leveling feet, ground bus and lockable acrylic front door. Color: -01 for Ivory, -02 for Black. Overall width is 22.5". Overall depth is 24". Internal depth is 21.5".



Part # FE4019-45-02

Mesh Door Design Floor Enclosure - 700 Series 19" x 24" Size Group

Width 22.5" - Depth 24". Mesh front door design for airflow and heat dissipation. Vented on all panels for excellent air circulation characteristics. Top panel features cutouts for fans and cutouts for cable access. Platform features cutouts for cable access. Features 4 fully adjustable internal equipment cage nut rails for #12-24 mounting screws in EIA universal spacing. Reversible front door. Meets or exceeds EIA 310D standards. Electrostatic microfinish paint. Color: -01 for Ivory, -02 for Black.



Part # FE7019-45-02

Mesh Door Design Floor Server Enclosure - 740 Series 27.5" x 42" Size Group

Mesh front door design for airflow and heat dissipation. Vented on all panels for excellent air circulation characteristics. Top panel features cutouts for fans and cutouts for cable access. Platform features cutouts for cable access. Features 6 fully adjustable internal equipment cage nut rails for #12-24 mounting screws in EIA universal spacing. Comes with front door, rear and side panels, leveling feet, casters, grounding bus bar, 2 pre-installed 80 CFM fans and equipment screws. Electrostatic microfinish paint.



Part #	Height	RU	Color
FE7419-40-02	6'	40 RU	Black
FE7419-45-02	7'	45 RU	Black

720 Series Floor Enclosure - 7'

Mesh front door design for airflow and heat dissipation. Vented on all panels for excellent air circulation characteristics. Top panel features cutouts for fans and cutouts for cable access. Platform features cutouts for cable access. 27.5" x 32" with Electrostatic microfinish paint.



Part # FE7219-40-02

710 Series Floor Enclosure - 7'

Mesh front door design for airflow and heat dissipation. Vented on all panels for excellent air circulation characteristics. 19" x 32" with Electrostatic microfinish paint.



Part # FE7119-45-02

Compact 200 Series Wall Mount Enclosures

Feature removable side panels for easy access to equipment and wiring and are key-locked for secure access. Vented front, rear, side and top panels. Top and rear panels feature cutouts for cable access and top panel ventilation fan cutout. Designed with internal mounting rails tapped for #12-24 mounting screws in accordance with EIA Standards. Comes complete with equipment mounting screws. Front door is reversible for left or right side opening. Color: -01 for Ivory, -02 for Black.



Part # WM2019-11-02



Compact 300 Series Wall Mount Enclosures

Feature a swing-out design which provides access to component rear panels. The rear support mounting section is made with 16 AWG steel which permits cabinet to be opened without sagging, even fully loaded. #12-24 tapped internal mounting rails are included. For 19" rack-mount equipment. Vented front, rear, side and top panels. Meets or exceeds EIA-310D Standards. Color: -01 for Ivory, -02 for Black.



Part #	RMS	Height	Width	Depth	Load Capacity
WM3019-11-02	11	22"	20.5"	20"	60 lbs.
WM3019-14-02	14	26"	20.5"	20"	75 lbs.

E-Z Compact 600 Series Wall Mount Enclosures

Enclosures are packaged broken down in an easy to carry space saving carry box allowing for transporting in small vehicles and warehousing in a fraction of the space as a fully assembled enclosure. For 19" rack-mount equipment. Vented front and top panels. Top and bottom panels feature cutouts for cable access and ventilation fan. Designed for internal mounting rails tapped for #12-24 mounting screws in compliance with EIA standards. Color: -01 for Ivory, -02 for Black.



Part #	RMS	Height	Width	Depth	Load Capacity
EZ19-07-02	7	15"	20.5"	20"	45 lbs.
EZ19-09-02	9	18"	20.5"	20"	65 lbs.

19" Floor Racks

All racks are provided with all assembly hardware and equipment mounting screws. The rails are tapped #12-24 front and rear in EIA compliant spacing. Designed with mounting holes which allow anchoring to the floor. Reinforced angled top brace supports. Meets or exceeds EIA-310D Standards.



Part # FR1907-45-02

Adjustable 4 Post Floor Rack

Cold rolled steel 14 AWG. Reinforced angled top brace supports. Complete with assembly hardware and set of #12-24 equipment screws. Meets or exceeds EIA-310D standards. Double tapped cage nut rails. Adjustable for 24", 28", 32" and 36" depth. Electrostatic microfinish paint. Height is 7'. 45 RU. Black. Width is 21". 1700 lbs load capacity.



Part # FR1924-45-02

Swing-Out Wall-Mount Racks

Swing-out design offers unparalleled access to component rear panels. The rear section can be easily separated from the mounting section for ease of field installation. The front section is reversible for right or left side opening. Designed for 19" rack-mount equipment with #12-24 threaded rails in accordance with EIA standards on both front and rear flanges. Constructed of high-quality aluminum. Available only in black powder coat finish.



Part #	RMS	Height	Width	Depth	Load Capacity
SR1935-20-02	20	35"	19"	18"	220 lbs.
SR1943-25-02	25	43.75"	19"	18"	250 lbs.

Wall Mount Open Frame Racks

These provide the capability of mounting rack-mount equipment when floor mounting space is limited. Designed for 19" rack-mount equipment with #12-24 threaded rails in accordance with EIA standards on both front and rear flanges. Constructed of high-quality aluminum. Available only in black powder coat finish.



Part #	RMS	Height	Width	Depth	Load Capacity
WR1928-16-02	16	28"	19"	12"	165 lbs.
WR1935-20-02	20	35"	19"	12"	220 lbs.



High-Load Capacity Slide-Out Tray

With a depth of 23" and heavy-duty construction, this slide-out shelf design allows a load capacity of 150 pounds when extended. Designed for heavy equipment such as servers, UPS, batteries and other large weight equipment. These can be mounted on standard 19" width racks and enclosures and come in black powder coat finish.



Part # ES0119-0123

19" Wall Mount Brackets

Provides simple and efficient mounting of rack mount components to walls or open frame racks. Available in both non-hinged and hinged designs. Hinged designs for easy access to the rear of components and non-hinged designs for more competitive solutions. Made of 16 AWG steel with EIA spaced threaded mounting holes. In black powder coat finish.

Part #	RMA	Height	Depth	Hinged
WB19-0206H	2	3.5"	6"	Yes
WB19-0606H	6	10.5"	6"	Yes
WB19-0412H	4	7"	12"	Yes
WB19-0612H	6	10.5"	12"	Yes



Double Finger Duct with Cover

Base material is 2mm Aluminum. Paint is electrostatic microfinish, black. Cover and ducts are PVC. Mounting hardware included.

Part #	Dimensions (inches)	Height	Cable Capacity per Duct
VF-07-100	1.6 x 2.4	6'	50
VF-07-140	2.4 x 3.2	7'	70



Cable Managers

19" Horizontal rack mount and vertical mount wire managers which provide an efficient method for organizing patch cords and cabling and at the same time maintaining required bend radius. Made of durable and quality materials. Mounting holes are compatible for open rack or enclosure mounting applications. All come in black powder coat finish.

19" Cable Management

Electrostatic Microfinish, black paint. Mounting hardware included.



Part #	RMS	Cable Capacity	Description
HC19-01-050	1	50	Single Ring Cable Manager
HC19-02-100	2	100	Single Ring Cable Manager
HC19-02-200	2	200	Single Ring Cable Manager
HF19-01-050	1	50	Finger Duct with Cover
HF19-01-040	1	40	Finger Duct with Cover
HF19-02-190	2	190	Finger Duct with Cover
HF19-02-200	2	200	Finger Duct with Cover

Vertical Cable Managers

Part #	Cable Capacity	Height
VC-06-050	50 (Each Side)	6'
VC-07-050	50 (Each Side)	7'





Power Strips

Power outlet in 19" rack-mount configuration. Feature 10-outlets (2-front and 8 rear) with illuminated rocker power switch and 15 amp circuit breaker. Finished in black powder coat. UL Listed.

Part # HPS-10



Keyboard Shelf with Reversible Mouse Tray

The stationary keyboard/mouse shelf mounts on any 19" width open rack and accommodates standard keyboards and its mouse tray can be mounted on the left, right or center of the tray. Takes up 1 RMS (1.75") and comes in black powder coat finish.



Part # ES1019-0108

Single-Sided Non-Vented Shelves

These solid shelves are designed for 19" rack mount widths and are made of 16 AWG steel. The 1-piece design allows for strong support. Finished in durable black powder coat.



Part #	RMS	Dimensions (WxD) inches	Load Capacity
ES0319-0107	1	19 x 7	20 lbs.
ES0319-0110	1	19 x 10.5	25 lbs.
ES0319-0115	1	19 x 15	40 lbs.
ES0319-0210	2	19 x 10.5	28 lbs.
ES0319-0215	2	19 x 15	42 lbs.

Blank Panels

These blank panels are used to cover gaps or free spaces in racks or enclosures. They may also be used for drilling and mounting specialized equipment or components. Made of 16 AWG cold rolled steel and available in various rack height sizes. Finished in black powder coat.

Part #	RMS	Height
BP19-01	1	1.75"
BP19-02	2	3.50"
BP19-03	3	5.25"



Single-Sided Vented Shelves

Vented shelves allow for added flow-thru ventilation. They are designed for 19" rack mount widths and are made of 16 AWG steel. The 1-piece design allows for strong support. Finished in durable black powder coat.

Part #	RMS	Dimensions (WxD) inches	Load Capacity
ES0219-0115	1	19 x 15	35 lbs.
ES0219-0112	1	19 x 12	20 lbs.



VCR/DVR Security Lock Box

Designed for maximum protection of video time-lapse recorders and like equipment protecting it from unauthorized access with enough space for switchers and accessories.

Can be mounted on top surfaces or wall-mounted with optional wall mounting brackets. Housing features heavy duty 18AWG steel frame construction, vented front and rear panels for cooling aided by the pre-installed ventilation fan. Also includes 2 rear cable access plugs. Front swing-out door comes with a pre-installed cam lock and key and the top panel is removable for additional access. Black powder coat finish.



Part #	Description
SE0920-21-02	VCR/DVR lock box
WB-SE-02	Optional mounting bracket set

Adjustable Double-Sided Equipment Shelf

Material is cold rolled steel 16 AWG. Black powder coat finish. Height is 2 rack units. Depth is 18" collapsed and 31" extended. Load capacity is 120 lbs max (4 attach points). Mounting hardware included.

Part # ES1219-0218



Details to Keep in Mind When Selecting a Cabinet

Here is a list of a few important things to remember when ordering your cabinet or enclosure:

- Where will the cabinet be used? Indoors or outdoors?
- Cabinet color?
- What type of equipment will the cabinet be housing, and how deep is it?
- How much rack space do you need?
- Are you going to need rear access to equipment?
- Is mounting hardware required?
- Will your cabinet need power?
- Which types of cable and thermal management will your cabinet need to have?

Need help determining which products suit your needs? Our trained sales staff is standing by ready to assist you.





Gigabit Ethernet Access Switch

Capable of two optional Gigabit Ethernet connections, and it is a fully functional SNMP-managed 24-port 10/100 Fast Ethernet and Standard Ethernet switch as well. Two optional ports permit easy interconnection of these switches at Gigabit speeds, creating a Gigabit Ethernet backbone network with 24 10/100 ports per switch for workstation and server connectivity. SNMP, web-browser, local terminals connection and Telnet remote terminal management capabilities are included. All of these management capabilities can be used simultaneously with real time updating. Five year warranty, including power supply.



Part #	Description
065-7732A	24-Port 10/100T/TX Switch with 2 Gigabit Expansion Slots
065-77LX	1000BaseLX Expansion Module for Gigabit Access Switch - SC Singlemode (10 km)
065-77LXED	1000BaseLX Expansion Module for Gigabit Access Switch - SC Singlemode (20 km)
065-77SX	1000BaseSX Expansion Module for Gigabit Access Switch - SC Multimode
065-77TX	1000BaseTX Expansion Module for Gigabit Access Switch - RJ-45 Cat 5e

Gigabit Ethernet Access Switches

This switch has two redundant, load-sharing, hot-swappable power supplies, which is standard equipment. The two optional Gigabit Ethernet ports permit creation of a Gigabit backbone network with 24 10/100 ports per switch for workstation and server connectivity. Full SNMP management capabilities are included, with web browser, local terminal and Telnet remote terminal connection usable simultaneously with real time updating. 24-Port 10/100T/TX Switch with 2 Gigabit Expansion Slots - 48V DC Power.



Part # 065-7732ADC

5-, & 8-Port 10/1000 Ethernet Desktop Switches

Full duplex mode multiples total network capacity by providing up to 200 Mbps bandwidth per port rather than sharing 100 Mbps bandwidth between hub users, and segments networks for improved performance by forwarding traffic only to the users to whom the message was sent. Features auto-sensing speed.

Part #	Description
065-7007A	5-Port 10/100BaseT/TX Desktop Ethernet Mini Switch
065-7012A	8-Port 10/100BaseT/TX Desktop Ethernet Mini Switch



24-Port 10/100/1000 Stackable Managed Switch + 2-SFP Ports

Signamax Connectivity Systems' 065-7840 is the new flagship of the Signamax Ethernet switch product line. It provides non-blocking performance for 24 10/100/1000 Gigabit Ethernet connections, modern QoS and Tagged VLAN capabilities, and full SNMP management at a surprisingly low cost. Two Dual Media Gigabit Ethernet ports use auto-detected SFP modules for fiber optic switch interconnection at extended distances. Both ring and star Gigabit backbone network architectures are possible with full automatic failover. The included SNMP management package is complete and comprehensive, with web browser, local console, and Telnet remote terminal connections and real time updating. The 065-7840 also communicates with network management systems such as HP OpenView™ via SNMP for enterprise-wide status display, statistical monitoring, and switch control. Enhanced Layer 3 look-ahead routing features and IEEE 802.1p Quality of Service / 802.1Q Tagged VLAN / IP Type of Service support make the Signamax 065-7840 an excellent foundation for establishing or adding to an Enterprise network.



Part #	Description
065-7840	24-Port 10/100/1000 Managed Switch + 2 SFP Dual Media Ports
065-79SXEDMG	1000BaseLX SFP Module MM/LC, 2 km

24-Port 10/100 Stackable Managed Switch + 2 SFP/RJ-45 Ports

Signamax Connectivity Systems' 065-7726S is a new, stackable variant Gigabit Ethernet Access Switch that provides two Gigabit Ethernet connections plus 24 10/100 ports and modern QoS, Tagged VLAN, and full SNMP management in a cost-effective package. The two Dual Media Gigabit Ethernet ports use onboard RJ-45 connectors to permit easy clustering of switches, and auto-detected SFP modules for fiber optic switch interconnection at longer distances. Both creation of and additions to a Gigabit backbone network are enabled using 24 10/100 ports per switch for workstation and server connectivity. A complete SNMP management package is included, with web browser, local console, and Telnet remote terminal connections with real time updating. The 065-7726S communicates with network management systems such as HP OpenView™ via SNMP for enterprise-wide status display, statistical monitoring, and switch control. Enhanced Layer 3 look-ahead routing features and IEEE 802.1p Quality of Service / 802.1Q Tagged VLAN / IP Type of Service support provide a new stratum of flexibility for today's convergent networks.



Part #	Description
065-7726S	24-Port 10/100 Managed Switch + 2 SFP/RJ-45 Dual Media Ports
065-7726SDC	24-Port 10/100 Managed Switch + 2 SFP/RJ-45 Dual Media Ports
065-79SXMG	1000BaseSX SFP Module - MM/LC, 2 km
065-79LXMG	1000BaseLX SFP Module - SM/LC, 10 km
065-79LXEDMG	1000BaseLX SFP Module - SM/LC, 20 km

Entry Level Rackmount Switches

Full/Half duplex to each port. 10/100 Mbps auto sensing. Easy uplink capability. Port specific buffer memory. Segment and interconnect networks. Plug-n-Play - no software needed. NWAY auto negotiation. Five year performance warranty. Rack-mountable.

Part #	Description
065-7331A	16-Port Rackmount 10/100 Switch
065-7341A	24-Port Rackmount 10/100 Switch



WLAN Switches 8- and 24-Port

Provides unmatched capacity (configurable data rate of each channel up to 54 Mbps), bandwidth (triple the aggregate bandwidth of a/b/g channel, for effective data rates of up to 162 Mbps on a standard channel), unprecedented client mobility and ease of deployment. These switches manage all WLAN traffic and network management activities. They work with and control the operation of Belden's BWAP-200 Access Points (BWAP-200).

Part #	Description
BWS-8008	8-port switch
BWS-8024	24-port switch



Fast Ethernet Desktop Switches

10/100 auto-sensing ports - automatically detect optimal network speeds. Supports any combination of 10 Mbps or 100 Mbps network devices. All RJ-45 ports with Auto-MDIX and NWAY auto-negotiation support. Store and forward switching architecture. Full/half duplex operation. LEDs for power, link/activity. Compact plastic case.



Part #	Description
523646	5 Port
523653	8 Port



Fast Ethernet Desktop Switches

10/100 Mbps auto-sensing Auto-MDIX RJ-45 ports automatically detecting optimal network speeds. Configuration via Web browser. Supports port-based VLAN and QoS. Bandwidth control for all ports with 8 levels. Broadcast storm control. Supports MAC address port security.



Part #	Description
523783	8 Port
523790	16 Port

Fast Ethernet Desktop Office Switches

10/100 Auto-sensing ports. Supports any combination of 10 Mbps or 100 Mbps network devices. Speeds of up to 200 Mbps in full-duplex mode. Rugged metal housing for maximum durability. Desktop size. Supports 2000 MAC addresses. 80 kBytes buffer memory.

Part #	Description
523301	5 port
523318	8 port
522595	16 port



Rackmount Switch

10/100 auto sensing ports. Supports any combination of 10 Mbps or 100 Mbps network devices. Rack-mountable metal chassis. LEDs for Link Activity. 10/100 Mbps for half/full duplex. Nway auto-negotiation. Non-blocking design. Store and forward switching architecture.



Part #	Description
520409	16 port, 2000 MAC address entries, 512 kBytes buffer memory
520416	24 port, 8000 MAC address entries, 320 kBytes buffer memory
520423	32 port, 4000 MAC address entries, 1 MBytes buffer memory
522618	48 port, 8000 MAC address entries, 512 kBytes buffer memory

Fast Ethernet PCI Network Cards

Supports 10/100 speeds over Cat5e network cable. Supports 32-bit PCI 2.1. Full duplex speeds (20 Mbps, 200 Mbps). Auto-negotiation with next page capability. Compatible to Windows 98/Me/2000/XP. Realtek 8139 Chipset. Also compatible with Windows XP64/Max OS/Linux and NOVELL.



Part # 509510

Active Networking - PoE Switches



24-Port 10/100 Stackable Managed PoE Switch + 2 SFP/RJ-45 Ports

Sigmax Connectivity Systems' new stackable Gigabit Ethernet Power over Ethernet (PoE) Access Switch provides the capability to remotely power wireless access points, VoIP telephones, Powered Device (PD) media converters, and other devices that meet the IEEE 802.1af PoE standard. These switches provide non-blocking performance for two 10/100/1000BaseT/TX Dual Media Gigabit Ethernet ports plus 24 10/100BaseT/TX PoE-equipped ports. The 065-7726SPOE switch shares the same SNMP management package as its 065-7726S counterpart. Both ring and star Gigabit backbone network architectures are possible with full automatic failover AND PoE extension to every workstation. Enhanced Layer 3 look-ahead routing features and IEEE 802.1p Quality of Service / 802.1Q Tagged VLAN / IP Type of Service support make the Sigmax 065-7726SPOE switch the cost-effective choice for creating an infrastructure capable of supporting Voice over IP telephony and wireless access.



Part # 065-7726SPOE



Premier® 10/100 8 Port Mini LAN Switch

Compliant with IEEE 802.3 10Base-T and IEEE 802.3u 100Base-TX standards. Supports store-and-forward and cut-through operation. 10/100Mbps port auto-detect on Full or Half Duplex mode. Each Ethernet port supports MDI/MDIX auto crossover capacity. Provides non-blocking and Head-of-line blocking prevention. 1MB buffer memory built-in.

Part # 0000056415

Connection Central™ Voice and Data Gateway Solution

Connection Central is the voice and data communications solution for the home and small office. It is an all-in-one voice and data gateway solution that incorporates the features of an advanced PBX supporting up to 2 PSTN and 2 VoIP lines, 4 wired and 6 cordless extensions. It is equipped with a DSL modem, 4 port router, Wi-Fi (802.11 b/g), with a built-in firewall, and all at an affordable price.

Part #	Description
0000161756	Connection Central Advanced Business System consisting of one each - hub, cordless phone, and feature phone
0000150056	Connection Central Cordless Phone
0000150059	Connection Central Feature Phone

s-Series® Smart LAN Switch

A high performance Web-managed SNMP layer 2 switch that provides users with 24 10/100Mbps Ethernet ports. The Gigabit module, which can be copper or fiber media, supports 1000BASE-SX, 1000BASE-LX or 1000BASE-T, allowing users to increase their network response time at Gigabit speeds with great flexibility. Non-blocking, full-time speed, store and-forward, maximum packet length 1568 bytes. Auto-negotiation, and auto-MDIX on all 10/100/1000M copper ports. 24 10/100 RJ-45 ports, and 2 Gigabit port module with copper ports or fiber ports. 3M bit packet buffer and 1M bit control buffer. Up to 14K MAC entries and 4K VLAN entries. Support flow control for both half- and full-duplex. Support head-of-line blocking prevention. Support broadcast storm filtering.

Part # 0000097912



PowerSense® PoE Midspan Hub AX-8000 Series

Includes 20-slot and 10-slot modular chassis units which may be populated with any combination of PowerSense modules. The individual modules are all hot swappable and fully voltage isolated from each other. Modules can be mixed and matched to support CDP™ devices, IEEE 48-volt, 24-volt or 12-volt applications within the same chassis. Power IP phones, wireless access points, security cameras and other low voltage devices safely and efficiently. A single port model is also available in any of the module styles for single device powering applications. 20-Slot PowerSense chassis - 19" rack mount ready.



Part # AX-8220



PoE Midspans

Provides the ease of installation, automatic detection of 802.3af capable powered devices, power management, and Secure Remote management (SNMPv3) capability (6- and 24-port only) that secure your network infrastructure needs. Available in 1-, 6-, and 24-ports, Leviton PoE Midspans connect to and power 802.3af compliant Ethernet equipment such as VoIP phones, WAPs, IP video cameras, and IP clocks without the need for an external power supply.



Part #	Description
M3001-1UB	Power over Ethernet Midspan, 1-Port
M3006-1UB	Power over Ethernet Midspan, 6-Port
M3024-1UB	Power over Ethernet Midspan, 24-Port



PoE Midspan

Converts standard 110-240 VAC power into low-voltage DC that runs over existing LAN cabling (Cat5 or better) to power up 802.3af compliant network equipment. This PoE Midspan features 8 integrated 802.3af Power over Ethernet (PoE) ports capable of supplying up 19.2 watts of power per port. By adding this PoE midspan to existing network LANs, installing networking products such as IP phones, wireless access points, and network cameras becomes much easier.



Part # 502931



PoE Office Switch

Equipped with eight 10/100 BASE-TX Fast Ethernet ports, all of which support 802.3af Power over Ethernet (PoE). Besides being a versatile network LAN switch, it also provides a Power over Ethernet option that supplies power injection into 802.3af-compliant devices, such as IP phones, wireless access points and network cameras. LEDs for power, link/activity and PoE. Carries a full Lifetime Warranty.



Part # 503358

PoE Web-Smart Switch

Equipped with 8 10/100 BASE-TX Fast Ethernet ports, all of which support 802.3af Power over Ethernet (PoE). Besides being a versatile network LAN switch, it also provides a Power over Ethernet option that supplies power injection into 802.3af compliant devices, such as IP phones, wireless access points and network cameras. Lifetime Warranty.



Part # 502917

Active Networking - Media Converters



RS-232/422/485 to 10/100BaseT/TX Device Servers / Media Converters

Signamax Connectivity Systems'065-1063 series of RS-232/422/485 serial data to Ethernet device servers / media converters are the perfect answer to the problem of integrating serial data devices into a convergent Ethernet-based network. They accept serial data on one port in both RS-232, RS-422, or RS-485 format and convert the serial data stream into Ethernet/Fast Ethernet framed and formatted packets. These packets can then be transported across an Ethernet, Fast Ethernet, or Gigabit Ethernet network to either a server or another 065-1063x series converter, which reconstructs the Ethernet packets into the original serial data bit stream. Use the 065-1063T to connect serial data devices to your Ethernet / Fast Ethernet network over twisted-pair cable. For longer distance extension to the network's core, the 065-1063FSx series connects serial data devices to your Fast Ethernet 100BaseFX network at distances up to 30 kilometers (over 18.6 miles).



Part #	Description
065-1063T	RS-232/422/485 to 10/100BaseT/TX Device Server/Media Converter, RJ-45
065-1063FSC	RS-232/422/485 to 100BaseFX Device Server/Media Converter SC Multimode, 2 km Span
065-1063FST	RS-232/422/485 to 100BaseFX Device Server/Media Converter ST Multimode, 2 km Span
065-1063FSM	RS-232/422/485 to 100BaseFX Device Server/Media Converter SC Singlemode, 30 km Span



Video to Fiber Media Converter - Transmitter & Receiver Set

The Signamax 065-1075VTR Video Coaxial Cable to Fiber Optic Cable Media Converter Sets convert baseband video signals from coaxial cable to a single strand of either 62.5 micron multimode fiber optic cable (model 065-1075VTR) or 9 micron singlemode fiber optic cable (model 065-1075VTRSM). Wideband low-noise circuit design is combined with a linear modulation schema to provide a video circuit capable of transmission from DC to 12 MHz, assuring transmission quality that meets NTSC, PAL, and SECAM specifications. The 065-1075VTR series video to fiber media converter sets include both a transmitter and receiver, which must be used in a pair to extend the video link to the specified distance.



Part #	Description
065-1075VTR	Video to Fiber Converter, Transmitter & Receiver Set - ST/MM 2.5 km span 110V
065-1075VTRSM	Video to Fiber Converter, Transmitter & Receiver Set - ST/SM 20 km span 110V

Singlemode to Multimode Converters

Provides efficient solutions for interconnecting multimode fiber LANs over longer distances by integrating singlemode fiber optic cable into the LAN. They also enable Ethernet LAN and WAN connectivity, by providing a multimode interface to singlemode fiber carrier demarcation points. Enclosed in a compact, strong metal case and includes an external power supply for stand-alone applications.



Part #	Description
065-1130	100BaseFX SC Singlemode (15 km span) to ST Multimode
065-1130ED	100BaseFX SC Singlemode (40 km span) to ST Multimode
065-1130XLD	100BaseFX SC Singlemode (75 km span) to ST Multimode
065-1132	100BaseFX SC Singlemode (15 km span) to SC Multimode
065-1132ED	100BaseFX SC Singlemode (40 km span) to SC Multimode
065-1132XLD	100BaseFX SC Singlemode (75 km span) to SC Multimode
065-1190	ATM 155 Mbps/SONET OC-3 SC Singlemode (20 km span) to SC Multimode
065-1190HS	ATM 622 Mbps/SONET OC-12 SC Singlemode (20 km span) to SC Multimode



10/100 To 100FX DIN-Rail Mount Hardened Converters

Sigmax Connectivity Systems' 065-1800 series 10/100 to 100BaseFX have been developed to operate in harsh industrial environments that require ruggedized equipment that can operate in severe temperature extremes. These media converters are an affordable solution for outdoor environments, transportation roadside systems, shop floors, and other harsh environments where consistent operation at temperature extremes of -40°F to 176°F (-40°C to 80°C) is necessary. These media converters are compact, plug-and-play devices that do not require complex user setup, but also have the manual setting features necessary to adjust to unusual operating conditions.



Switching Fiber Optic Media Converters with Link Fault Signaling

Ideal long distance connections between legacy 10BaseT networks and 100Base Fast Ethernet or 1000Base Gigabit Ethernet networks. Designed to handle a wide variety of fiber optic network applications. Built-in 10/100 or 10/100/1000 switch enables the fiber cable connection to operate at 100 Mbps connected to either a 10BaseT or a 100BaseTX network, while remaining completely 100BaseFX or 1000BaseSX standard-compliant. 10/100 models now with Link Fault Signaling for use with managed switches.



10/100 To 100FX DIN-Rail Hardened Media Converters

Part #	Description
065-1800TB	10/100BaseT/TX to 100BaseFX Industrial Hardened Media Converter, ST Multimode, 2 km Span, 24 V DC Redundant Power Terminal Block
065-1810TB	10/100BaseT/TX to 100BaseFX Industrial Hardened Media Converter, SC Multimode, 2 km Span, 24 V DC Redundant Power Terminal Block
065-1820TB	10/100BaseT/TX to 100BaseFX Industrial Hardened Media Converter, SC Singlemode, 15 km Span, 24 V DC Redundant Power Terminal Block
065-1820EDTB	10/100BaseT/TX to 100BaseFX Industrial Hardened Media Converter, SC Singlemode, 40 km Span, 24 V DC Redundant Power Terminal Block
065-1820XLDTB	10/100BaseT/TX to 100BaseFX Industrial Hardened Media Converter, SC Singlemode, 75 km Span, 24 V DC Redundant Power Terminal Block

Part #	Description	Fiber Type
065-1100	10/100BaseT/TX to 100BaseFX Converter	ST Multimode
065-1110	10/100BaseT/TX to 100BaseFX Converter	SC Multimode
065-1172	10/100BaseT/TX to 100BaseFX Converter	MT-RJ Multimode
065-1174	10/100BaseT/TX to 100BaseFX Converter	LC Multimode
065-1120	10/100BaseT/TX to 100BaseFX Converter	SC Singlemode (15 km span)
065-1120ED	10/100BaseT/TX to 100BaseFX Converter	SC Singlemode (40 km span)
065-1120XLD	10/100BaseT/TX to 100BaseFX Converter	SC Singlemode (75 km span)
065-1196	10/100/1000BaseT/TX to 1000BaseSX Converter	SC Multimode

10/100 To 100FX WDM DIN-Rail Mount Hardened Media Converters

Part #	Description
065-1876ATB	10/100BaseT/TX to 100BaseFX Industrial Hardened Media Converter, Single Fiber SC Simplex Singlemode, Tx=1310 nm; Rx=1550 nm, 20 km Span, 24 V DC Redundant Power Terminal Block
065-1876BTB	10/100BaseT/TX to 100BaseFX Industrial Hardened Media Converter, Single Fiber SC Simplex Singlemode, Tx=1550 nm; Rx=1310 nm, 20 km Span, 24 V DC Redundant Power Terminal Block
065-1876AEDTB	10/100BaseT/TX to 100BaseFX Industrial Hardened Media Converter, Single Fiber SC Simplex Singlemode, Tx=1310 nm; Rx=1550 nm, 40 km Span, 24 V DC Redundant Power Terminal Block
065-1876BEDTB	10/100BaseT/TX to 100BaseFX Industrial Hardened Media Converter, Single Fiber SC Simplex Singlemode, Tx=1550 nm; Rx=1310 nm, 40 km Span, 24 V DC Redundant Power Terminal Block

Switching Fiber Optic Media Converters with Link Fault Signaling & USB Power Option

These provide the means for an SNMP-Managed switch to recognize a failure on a fiber channel or twisted-pair connection, enabling the switch to automatically route to a backup path if the connected switch is equipped with Spanning Tree Algorithm. This intelligence maximizes the power of managed switches, and enables fail-safe design solutions for complex networks. These also extend the maximum singlemode fiber distance. The built-in 10/100 switch enables the fiber cable connection to operate at 100 Mbps connected to either a 10BaseT or a 100BaseTX network, while remaining completely 100BaseFX standard-compliant. Includes USB power port for flexibility in placement.



Part #	Description	Fiber Type
065-1100LFS	10/100BaseT/TX to 100BaseFX Converter	ST Multimode
065-1110LFS	10/100BaseT/TX to 100BaseFX Converter	SC Multimode
065-1170LFS	10/100BaseT/TX to 100BaseFX Converter	VF-45 Multimode
065-1172LFS	10/100BaseT/TX to 100BaseFX Converter	MT-RJ Multimode
065-1174LFS	10/100BaseT/TX to 100BaseFX Converter	LC Multimode
065-1120LFS	10/100BaseT/TX to 100BaseFX Converter	SC Singlemode (15 km span)
065-1120EDLFS	10/100BaseT/TX to 100BaseFX Converter	SC Singlemode (40 km span)
065-1120XLDLFS	10/100BaseT/TX to 100BaseFX Converter	SC Singlemode (75 km span)
065-11DINMT	DIN rail mounting bracket for 065-11xx Series	n/a

GuestGate HotSpot Gateway

Provide Guests with Internet Access While Keeping Your Network Secure

- Provides configuration-free guest access to the Internet
- Protects your private network from guests
- Initial setup performed by IT administrator using web-based user interface
- Guest protection through Layer 3 Client Isolation technology (patent pending)
- No additional setup for new guests
- Plug and Play experience for your guests
- Lifetime Warranty





Gigabit Ethernet Fiber Media Converters

Designed to expand the scope of your Gigabit Ethernet network applications and are 100% compliant with Ethernet IEEE 802.3ab and 802.3z specifications. Twisted pair to fiber optic converters for both multimode and singlemode fiber, multimode to singlemode converters and singlemode to singlemode extenders are available. UL Listed.



Part #	Description
065-1194	1000BaseSX to 1000BaseLX Gigabit Ethernet SC Multimode to SC Singlemode Media Converter, 10 km span
065-1194ED	1000BaseSX to 1000BaseLX Gigabit Ethernet SC Multimode to SC Singlemode Media Converter, 20 km span
065-1195	1000BaseT to 1000BaseSX Gigabit Ethernet Media Converter, SC Multimode
065-1197	1000BaseT to 1000BaseLX Gigabit Ethernet Media Converter, SC Singlemode, 10 km span
065-1197ED	1000BaseT to 1000BaseLX Gigabit Ethernet Media Converter, SC Singlemode, 20 km span
065-1198XLD	1000BaseLX to 1000BaseLX Gigabit Ethernet Fiber Optic Repeater, SC Singlemode, 20 km span each port



Media Converters for Ethernet and Fast Ethernet

Media Converters enable the connection of dissimilar network cabling types, while maintaining the same network speed. A legacy Thinnnet segment can be connected to a 10Base-T Hub or switch port with an AX-200 Converter or, link two different 10Base-T networks together over a multimode fiber optic link with a pair of AX-270s. Connect a legacy Thinnnet segment over fiber with the AX-280 converter. The AX-5270 can be used for interbuilding links or attached to a fiber backbone.



Part #	Description
AX-5270SC	100Base-TX/100Base-FX, SC fiber connectors
AX-5270ST	100Base-TX/100Base-FX, ST-compatible fiber connectors



Classic Media Converters

Ethernet Media Converter

Converts Ethernet media. 100Base-TX to 100Base-FX (SC) Singlemode. Status LEDs. External power adapter. Converters can be used stand-alone.

Part # 519069



10/100 Mbps Media Converters

Data transfer rate: 100Mbps. One 10/100Base-TX RJ-45 port, maximum distance 100 m/300 ft. RJ-45 port with Auto MDI/MDI-X support and auto-negotiation. One 100Base-FX multimode fiber ST duplex port. Fiber distance support: up to 2 km/1.24 mi. Status LEDs for easy monitoring of device status. Link Fault Signaling (LFS). Remote and local loop back test. DIP switches for multiple configuration options. External power adapter.



Part #	Description
515320	10/100Base-TX to 100Base-FX (ST) Multimode, 2 km (1.24 mi)
515337	10/100Base-TX to 100Base-FX (SC) Multimode, 2 km (1.24 mi)
515344	10/100Base-TX to 100Base-FX (SC) Singlemode, 30 km (18.6 mi)
510547	10/100Base-TX to 100Base-FX (SC) Singlemode, 20 km (12.4 mi), WDM (RX1550/TX1310)
510530	10/100Base-TX to 100Base-FX (SC) Singlemode, 20 km (12.4 mi), WDM (RX1310/TX1550)



Classic Media Converters (Cont.)

Gigabit Ethernet Media Converters

Data transfer rate: 1000 Mbps. 10/100/1000Base-T auto-sensing RJ-45 port, maximum distance 100 m/300 ft. (Cat5e and better). RJ-45 port with Auto MDI/MDI-X support. SFP ("Small Form Factor Pluggable") optical transceiver module port (SFP module note included). Module port for Gigabit multimode or singlemode Mini GBIC 1.25G SFP-type fiber modules. Status LEDs for power and Link/TX for both parts. Link Fault Signaling. External power adapter.



Part #	Description
515351	1000Base-T to 1000Base-SX (SC) Multimode, 220 m (720 ft.)
515368	1000Base-T to 1000Base-LX (SC) Singlemode, 10 km (6.2 mi)
510509	1000Base-T to 1000Base-LX (SC) Singlemode, 10 km (6.2 mi), WDM (RX1550/TX1310)
510523	1000Base-T to 1000Base-LX (SC) Singlemode, 10 km (6.2 mi), WDM (RX1310/TX1550)
510493	10/100Base-TX/1000Base-T to 1000Base-SX Multimode/1000Base-LX Singlemode (SFP)
510486	10/100Base-TX/1000Base-T to 2 x 1000Base-SX Multimode / 1000Base-LX Singlemode (SFP)

7 Port BNC Converter

Seven 10/100 auto sensing ports - automatically detect optimal network speeds. One 10 Mbps BNC port. Supports any combination of 10 Mbps or 100 Mbps network devices. All RJ-45 ports with Auto-MDIX and NWAY Auto-Negotiation support. Store and forward switching architecture. Full-half duplex operation. Supports 1024 MAC address entries. 256 kBytes buffer memory. Compact metal case. LEDs for power, link/activity.

Part # 503433



Media Converter Chassis - 12 Port

High quality 19" rackmount steel chassis. Supports up to 12 stand-alone media converters. Internal 100-240V universal switching power supply. Slot for redundant power supply, model 510554. Power supplies are hot-swappable and support load sharing. ON/OFF trigger guard protection on power switch. Three high-volume cooling fans ensure perfect ventilation. LED status panel with fan and slot and power LEDs. LED Status indicator for each slot. Slot power isolation - ensures each slot is electrically isolated from the next. Avoids network downtime and protects your converter investments.

Part #	Description
519151	Media converter
510554	Redundant power supply



Keyboard, Video & Mouse (KVM) Switches

KVM switches allow a user to control multiple computers from a single console. They are also flexible enough to meet the needs of just about any application.

- Increased space utilization and cable management
- Improved efficiency and productivity
- Enhanced security and stability
- Flexible and scalable to meet future needs
- Easy to install, configure and operate
- Economical!



Courtesy of TrippLite



Wireless Super G Router

Compatible with all 802.11b and g wireless products. Shares one DSL/cable modem broadband internet connection with multiple wireless or wired clients. Robust wireless LAN security. Simple web configuration. Connector on back. Up to 108 Mbps network data transfer rate.

Part # 502566



MIMO Wireless Turbo G Router

Shares one internet connection with multiple wireless or wired clients. MIMO XR technology for enhanced wireless coverage. Packet-OVERDRIVE Turbo Mode technology for enhanced wireless throughput. Two 5 dBi antennas for superior signal reception. One 5 dBi antenna for high power signal transmission. 54 Mbps network data transfer rate. Enhanced 802.11g/b performance with 4 port 10/100 switch and QoS.

Part # 502207



High Power Wireless G Access Point

IEEE 802.3af-compliant PoE-powered device with one PoE (PD) port. Strong 23 dBm output power rating. Two LAN ports (PD port plus Ethernet port to cascade access points). Supports Wireless Distribution System (WDS), Bridging, Client and Repeater modes.

Part # 503082



Wireless G Broadband Router

Up to 54 Mbps network data transfer rate. Compatible with all 802.11b & g wireless products. Supports WEP and WPA (TKIP and AES) data encryption. Integrated 10/100 Mbps LAN switch with Auto MDI/MDI-X support. Easy Internet setup through WAN connection wizard.

Part # 523431



Wireless SuperG Access Point/Bridge

Connects a wireless network to a traditional wired network. 10/100Mbps Fast Ethernet port. Allows for greater distance between wireless PCs. 10 times faster than 802.11b wireless. Backward compatible with all 802.11b and g wireless products. Simple Web Based Configuration. LEDs for power, speed, 802.11b/g. Supports bridge mode. Detachable antenna.

Part # 522755



Wireless G Access Point

Up to 5 times faster than 802.11b. Up to 54 Mbps network data transfer rate. Compatible with all 802.11b & g wireless products. Supports Wireless Distribution System (WDS) repeater mode. Robust wireless LAN security. Simple Web configuration. Connector on back.

Part # 501903



Wireless G PCI Card

Connects your desktop PC to a wireless network. Up to 54 Mbps network data transfer rate. Compatible with all 802.11b & g wireless products. Detached antenna for greater range. Supports WPA, WEP and AES security. Windows 98SE/2000/Me/XP compatible. 802.11g, 54 Mbps.

Part # 500517



Wireless G PC Card

Connects your notebook to a wireless network. Up to 54 Mbps network data transfer rate. Compatible with all 802.11b & g wireless products. Supports WPA, WEP and AES security. Windows 98SE/2000/Me/XP compatible. 802.11g, 54 Mbps.

Part # 505314



Active Networking - KVM



KVM Switch

3-in-1 cables included. No software required, works independently of computer operating systems. Switch between PCs with the press of a button or keyboard "hot key" commands. Supports 1920 x 1440 high resolution. Slim desktop design with all cables at the rear saves desktop space.

Part #	Description
156745	2 port, compact with cables
156752	4 port, compact with cables



3-in-1 Cables for Automatic KVM Switches

Keyboard, monitor and mouse all in one cable. 2xMD6M & HD15M to 2xMD6M & HD15F, 10 ft.

Part # 205016



Micro KVM Auto Switch

This self-powered KVM features complete mouse and keyboard emulation to guarantee flawless boot ups and two 6ft three-in-one cables to make installation a snap. Simple Hot-Key commands allow you to quickly and easily switch between PCs. Ultra-high video bandwidth supports resolutions up to 2048 X1536. 2-Port, PS/2, w/5' cables.

Part # SWB-9000



8 Port (1U) Rackmount KVM Switch

Controls up to 512 PCs or servers. Delivers on-screen display control. PS/2, AT, Sun and USB compatible. Simple plug-and-play setup requires no complicated software and hot-pluggable capability allows you to add or remove PCs or servers without powering down. Compatible with all major operating systems and supports most keyboards and mice. 8 Ports. 8 LEDs (on-line/selected mode).

Part # B007-008



NetDirector™ Network KVM Command Centers

Control up to 512 PCs or servers. Deliver on-screen display control. PS/2, Sun & USB compatible. Maintains strict security over the largest installations with a two-level password security feature. Compatible with all major operating systems.

Part #	Ports	Cabinet Style	LEDs (On-Line/Selected Mode)
B020-008	8	1U Rack Console	8/8
B020-016	16	1U Rack Console	16/16
B022-016	16	1U Rack	16/16





VDV MultiMedia Cable Tester

Easy-to-use tester for installers working with voice, data and video applications. Tests for opens, shorts, miswires, reversals and split pairs. Also indicates correct wiremap. Automatic shut off and low battery indicator. Easy to read LCD display with "PASS or FAIL" indicator after each test. Tone generator supports 4 different tones. Identifies voltage on cables. One remote wiremap and testing unit is stored inside tester. Uniquely designed remote accommodates RJ-11, RJ-45 and F-style connectors. Can support up to 8 unique remotes that wiremap and test ports - more efficient for one person testing.



Part # 33-856

Wi-Net Window Wireless Tester

Signal strength shown as both a percentage on the LCD and a light bar up to 100%. Equipment name and channel of transmission identified. Identifies and communicates with IEEE 802.11 wireless access points types b and g. Lists and logs all received wireless transmissions in the area for review with constant scanning. Displays encryption condition on each wireless component. Lists signal as either an access point or an ad-hoc or Twin network type. Ping function accesses IP addresses and determines an internet link condition. Negotiates with network DHCP for component identification and IP/MAC addresses. Wi-Net Window, WP150, works on 4 alkaline or rechargeable batteries (not provided).



Part # WP150

Paladin Tools™

RJ45 Network Tester Kit

Quickly & easily test your computer patch cords or installed cable runs to verify good connections or to troubleshoot problems. LED clearly lights for each pin and maps the cable run as the unit goes through the test cycle.



Part # 70025

Validator™ Network/Cabling Certifier NT950

Tests to TIA 568/570 interconnect standards. Certifies CAT5, CAT5E, and CAT6 cables to be IEEE compliant to one gigabit speed. Tests coax, telephone, audio, and security cables. Powerful Plan-Um™ design software included. Creates and prints job reports. Wiremap new or existing cable systems. Simple to use. The kit includes: Validator™, Smart Remote, (2) lithium ion rechargeable long-life batteries, (2) AC adapter/charger units, (4) adapter cable assemblies, USB cable assembly, compact flash card, Plan-Um™ design layout software and deluxe carrying case with cushioned sides.



Part # NT950

LAN & Telecom Cable Testing Kit

Features and benefits of the RJ45 LAN Tester: True cable mapper identifies open, crossed and shorted connections and connector and cable pin-out. Clear LED display for each pin and shield. Shielded RJ45 modular plug socket. Automatic display of mapping with dual speeds: slow or fast. Features and benefits of the Tone Generator & Tone Probe Cable Tracer: Quickly and easily identify cable pair carrying a tone signal. Locate patch and termination point of wire. Audible speaker with adjustable volume control enables use without a butt set. Inductive, high sensitivity probe. Jack for headset and tone generator features an auto-off function.



Part # 1573

LanScaper™ Network Tester NT700

Identifies port services including Ethernet, ISDN, POTS, and Token-ring while reporting such crucial information as network speed, capability, and location of other network devices. Pinging function verifies connectivity to network devices and queries PC/NICs. Detects legacy "Phantom Power", reports current and voltage capability of analog telephone lines, identifies (maps) remotes while cable testing. Conducts link tests to ID speed. Verifies functional speed capability of terminated unconnected cable runs by sampling data packets between two LanScaper™ units, which exercises the run and reports the result. Automatically accesses DHCP host and obtains network information. Tests cabling configuration and verifies connectivity and length of run while conducting tests for opens, shorts, miswires, split pairs, and reversals. Identifies HUBs, NIC, or auto MDI/MDI-X devices. Blinks HUBs to ascertain connected configuration. Displays advertised network speed/duplex. Measures and reports any voltage on lines. Wiremaps network connections with remote identifiers. Generates multiple tone levels for signal tracing and cable identification.



Part # NT700



LanRoamer Tester/Analyzer

Cable test results displayed on main unit and remote unit, in less than 2 seconds after plugging in the cable. Auto-on and auto-off when testing cables, just plug both ends into tester! Snap-together case for easy storage and convenient patch cable testing. Tone generator mode for use with tone tracers. Test for short, opens, miswires, reversals and split pairs.



Part # TP500

LanRoamerPRO™ Tester/Analyzer

Measures cable length as a stand-alone function. Test for short, opens, miswires, reversals, and split pairs. Identifies multiple faults clearly without interpretation. Clear wiremapping form displayed in 2-line, 16-character LCD display. Auto-off/Auto-on - Up to 10 times better battery life than others testers. On-ended testing with Pre-test mode for fast results. Built-in tone generator with selectable tones and pair capability.



Part # TP600

LanScaper™ Kit

Includes LanScaper™ and remotes #1-#8, Tone tracer, 12" cable assembly; RJ45 to alligator clip set and 2 pieces TP40, unshielded RJ45 connectors and 2 pieces TP56, RJ45 to F connectors, 7.5" cable assembly with no-fault RJ12 connectors for RJ11 and RJ45 jacks and carrying case.



Part # NT750

Resi-Tester™ Whole-House Cable Tester

Designed exclusively for all the wiring environments found in Home Networking and Home Automation. CATV, telephone systems, audio cable, security/alarm wiring, and network cabling can all be tested and located using the Resi-Tester™ and optional room identifier sets. Resi-Tester™ displays cabling results using a large easy to read LCD with clear concise information showing all the faults connected with the various cable types. It warns of voltage on lines and shows a Pass or Fail message after each test.



Part # TP300

Testifier™

Condition: Testifier shows Opens, Shorts, Miswires, Split Pairs, PASS and FAIL results fast - on a clear, full alpha/numeric LCD display. Location: Testifier is supported by the most comprehensive set of wiremapping locators in the world. Up to 20 cable end locations at a time can be identified and tagged. Position: Testifier's built-in tone generator is the most flexible and function-packed tone generator you will ever use. Its configurable signal can be generated to find and fix the position on any type of cable - either exposed or hidden, in ceilings or behind walls.



Part # TP350



Tri-Porter - Network Qualification & Testing Tool

Provides a full range of physical wiring tests for the fast, efficient delivery of IP-based voice, data and video services in the home or small office with one integrated tool. Tri-Porter replaces up to 6 traditional testing tools. Testing and verifying IP-based services in your customers' premises now takes less time and is more convenient and economical than ever before. Coax runs, network systems and voice/telephony lines are all easily tested and verified for service levels to assure optimal performance. Comes with a handy carrying case, which holds both the main unit and the remote tester/tracer, along with the 20-piece wiremapping sets for remote discovery of telephone, coax, and network cables.



Part # IVT600

Tone Tracer

Sets a new standard for field service professionals, Due to its slim, ergonomic design, as well as balanced weighting, it is the most comfortable tracer available. It can be used with either a wearable headset or a standard vll phone headset. Quick-change tips for easier in-field use. Includes low battery indicator. TT100 includes: Tone Tracer, round tip TT30 and paddle-style tip TT35.



Part # TT100

Trace Rite

Trace and tone detector set. Features: Built-in tone generator with 2 different tones and auto-off feature. Tone generator includes a replaceable round tip. Fine cables behind walls and ceilings. Ideal for residential or commercial use. Traces all types of cable: CAT 5/6, telephone, coax. Exceptional signal acquisition sensitivity. Audible tone location indication. Identify cabling without damaging its insulation. The tone generator handily stores inside the tracer body. Adjustable volume control. Recessed ON/OFF button prevents battery drain. Battery low indicator. Battery cap allows quick and easy battery replacement. Batteries included.



Part # TT250



Tone Generator

Three built-in tones, one steady and two warbles, for multiple lines testing. Constant tone amplitude over life of the battery gives accurate and traceable tones, even at the end of battery life. Two tone amplitude levels, normal and half, let the user extend the tone reach. Auto-off protects the battery life. Tone may be added to any mode for using phone sets without monitor mode. Power-saver feature in continuity mode preserves battery life. Modular jack allows multiple cord sets to be used for different applications. Includes Tone Generator, cord set with alligator clips TG10, 7.5" cable assembly with no-fault RJ12 connectors for J11 and RJ45 jacks TP20.



Part # TG100

Professional Tone & Trace Field Kits

High Sensitivity Tone Tracer and Multi-Function Tone Generator in a nylon pouch. A closure flap protects equipment; includes both a belt loop and a metal clip ring for multiple mounting options. Kits include: Tone Tracer - High Sensitivity TT100; Tone Generator - Multi-function TG100; 7.5" cable assembly with no-fault RJ12 connectors for RJ11 and RJ45 jacks TP20; Round tip for Tone Tracer TT30; Paddle style tip for Tone Tracer TT35; Lanyard; Nylon Pouch - PC200. Cord set with alligator clips TG10.



Part # KP100

Lil' Buttie™ Test Sets

Hands-free test set with headset. Tone and pulse dialing. Microphone mute. Last number redial - 32 digits. Continuous line polarity indication (talk or monitor). Electronic ringer. Amplified Line Monitor for volume levels comparable to "off hook" operation. Modular cord set attachment. Low battery indicator. Headset jack. Battery powered monitor mode with auto-off on dead lines or when disconnected.



Part # LB110

Test Set Accessories

For Lil' Buttie™, Lil' Buttie Pro™, Resi-Talker™ and Ranger™

Part #	Description
LB64	4-position modtest adapter
LB66	6-position modtest adapter

Introducing the NEW Belden...

Sending All The Right Signals™ for Your Transmission Needs



Belden has been an industry leader in providing reliable cabling products for over a century. More recently, our direction has allowed us to add new product lines, technologies, resources, and the many combinations of these, to create specific signal transmission solutions for our customers. To illustrate this point, we have created this guide to Belden capabilities as a demonstration of the breadth of resources we have today to meet the needs of your specific applications. Belden, as an expert in signal transmission technology, has more to offer than anyone else.

Cable
Copper and Optical Fiber

Connectivity
Copper and Optical Fiber

Enclosures and Racks

Cable Management

Wireless Solutions PoE
(Power over Ethernet)



More Products,
More Technologies,
More Systems...
More Belden Solutions
Than Ever.



Economical Coaxial Wire Stripper

Tool specially designed to quickly and easily strip RG 59 and RG 6 cables for CATV "F" connectors. Built-in stop (no adjustments needed). Replaceable blade cassette lasts 1000-2000 strips. Convenient built-in belt clip.



Part # 2CSKCATV

Round Cable Stripper

For round cables of all insulation types. By rotating the body of the tool the blade can be fixed in any one of three positions providing circular cuts about the cable and lengthways or spiral cuts along the cable. CJS200 features interchangeable cable retention hooks for a stripping capacity of up to 1.57" (40mm) diameter in one tool. No special tools are required to change hooks. Safety straps can be fixed to the eyelet at the base of the tool to prevent accidental dropping. Replacement cutting blades can be stored in a pocket located within the tool body and it has been tested to over 100,000 cycles. Stripping dimensions are up to 4.5 mm thick insulation. Cables are power, multi-conductor, fiber optic and copper trunk cables.



Part # CJS200

Self-Adjusting Combination Wire Stripper

For cutting and stripping a wide variety of jacketed wires and cable including PVC, conduit wire, mains cables, equipment wire, and communications cable. Capable of stripping wires from 32 AWG to 10 AWG without adjustment. Easily interchangeable stripping cassettes. Ergonomic design features a sculpted shape, soft grip main handle, low friction moving handle, optimized grip span, and angled head. Tested to over 150,000 cycles.



Part # SAS3210



Cable Pro Cable Strippers

Prepping drop wire and cable is a cinch with these professional ICM Cable Pro Cable Strippers. Our cable strippers are specially designed for stripping mini cable through RG11. The patented cable stop creates the perfect 1/4"-1/4" cable preparation every time. Prepping cable has never been easier or more accurate. Cable Pro Cable Strippers are light weight and compact so that they can be easily placed into a pocket, and are designed with a usable opening to loop through a belt or attach to a key chain. Our cable strippers do not require adjusting, so there is no hassle with screws, keys or other adjustment tools. For installer convenience, every cable stripper comes with an extra replaceable cartridge.



Part #	Description
PSA59/6	Preps RG59 and RG6 60% quad shield drop wire with RG6 flaring tool on the side. Spare cartridge included.
PS59/6/RGB	Preps RG59, RG6 and mini coax drop wire. Spare cartridge included.

Cable Pro Strip/Crimp Tool

Easy crimp of RJ11, RJ45 plugs. Blade wire stripper included. Use with HIP modular plugs.

Part # CPRJ11-45



Ratchet Telemaster™

Ratchet version of popular Telemaster™ tool for RJ-45 and RJ-11 modular plugs. Repeatable crimp action for consistent, high quality connections. For paired conductors. New cushion-grip handles.



Part # 30-696



UTP/STP/Coaxial Cable Strippers

Lightweight, compact stripper is simple to operate. Adjustable blades can be set for any depth to help ensure nick-free strips. Use with twisted-pair wire, tightly wrapped stranded cables, CATV cable, CB antenna cable, SO, SJ, SJT, and other types of flexible power cords. Includes three straight and one round blade. *A set of blades = 3 straight blades and one round blade.



Part #	Description
45-162	Cable Stripper, up to 1/8 in. (3.2mm) O.D. - Gray
45-163	Cable Stripper, 1/8 in. (3.2mm) to 7/32 in. (5.556mm) O.D. - Blue
45-164	Cable Stripper, 1/4 in. (6.4mm) to 9/16 in. (14.3mm) O.D. - Blue
45-165	Cable Stripper, 3/16 in. (4.8mm) to 5/16 in. (8mm) O.D. - Black

Crimpmaster™ Crimp Tool Replacement Die Sets

Interchangeable dies change quickly and easily with a screwdriver. Crimp nest markings make die selection easy for appropriate cable or size type. Pressure adjustment for actuation force. Ratchet crimp action. Crimp release for operator safety.



Part #	Replacement Die Set	Description
30-521	30-560	RJ-45 Eight-Position Crimp Tool For AMP RJ-45 Modular Plugs
30-522	30-559	RJ-45 Eight-Position Crimp Tool for Keyed or Non-keyed Modular Plugs
30-523	n/a	RJ-45 Ten-Position Crimp Tool

Telemaster™ Telephone Tools & Kits

For paired conductors. Multi-function tool cuts, strips and crimps for easy one-tool application. Steel frame for long-term durability. Crimps primary modular plug strain relief only.

Part #	Description
33-700	Kit, tool for RJ-11 (1,2,3 pair) and RJ-45 (4 pair) plugs. Kit includes 10 modular plugs each (85-351, 85-352, 85-353)
30-496	Tool for RJ-11 (1, 2, 3 pair) and RJ-45 (4 pair) Plugs
30-497	Tool for RJ-45 (4 pair) and DEConnect MMJ (RJ-11, 3 pair)



Economy Mod Plug Kit-RJ11&RJ45

Multi-function telephone/network tool; cuts,strips,and crimps. Steel frame construction for durability. Interchangeable dies allow for crimping RJ-45 and RJ-11 modular plugs. Tool-less die change for added convenience. Spring return handle for comfort. Includes 10 each; RJ-11 and RJ-45 plugs.

Part # 33-296



EZ-RJ45 Connectors and EZ-RJ45 Crimp Tool

Provides quick, cost-effective Category 5e UTP terminations. The easy-to-use EZ-RJ45 connectors exceed Category 5e standards when terminated using the EZ-RJ45 Crimp Tool. The craft-friendly EZ-RJ45 Crimp Tool comes with a built-in cutter and stripper, and features precision ground crimp dies, a full cycle ratcheting mechanism, and steel construction.



Part # 40989-RCT

Paladin Tools™

FiverOptic™ Stripper

This multi-functional fiber optic stripper strips outer jacket from 2.0-2.4 mm fiber, 2.8-3.0 mm fiber and 2.0-3.0 mm loose tube fiber. Strips 900um buffer from loose buffer without removing acrylate. Strips buffer and acrylate from 900/125um and 250/125um fiber. Optimum ergonomic design with 22° angle. Rubber-embedded handles. Precision, CNC-formed stripping areas. Factory-set and calibrated. High carbon steel and locking handle. One year warranty.



Part # 1163

Mini-Stripax® Plus

Universal wire stripper and cutter using changeable blades to strip PVC and Teflon® insulations. Strips PVC-insulated wire in the range of AWG 28 - 18 (0.80 - 1.0mm²) and Teflon-insulated wire in the range of AWG 32 - 18 (.032 - 1.0mm²). Strips flexible and solid conductors with PVC, Teflon, silicone and other special insulations. Strips multiple conductors and thin ribbon cable conductors simultaneously. Adjustable wire stop and built-in wire cutter.



Part # 1115P

Universal Cable Stripper

Combination cutter & stripper for various cable types including round & flat. Strips UTP/STP phone & data cable - Cat5, Cat5e & Cat6. Strips flat cables such as telephone, intercom, alarm or speaker wire. Adjustable blade stripping depth.



Part # 70003

Round Cable Cutter

Cuts most round cable types but is not designed for use on steel. Works well on coaxial and twisted pair cables (Cat3, Cat5, Cat5e, Cat6). Rounded blades to help keep cable round when cut. Locking mechanism for safe transport.



Part # 70001

All-In-One Data and Phone Tool

An all-in-one phone and data tool with multi-function cutting, stripping and crimping capabilities. Crimping cavities for RJ45, RJ11/RJ12 and RJ22 handset modular plugs. Cuts and strips round UTP/STP phone and data cable along with flat satin phone cable. Three crimp profiles and three cutting and stripping functions without changing tools or die sets. Effortless terminations with new advanced ratcheting mechanism. Comfortable, rubber-embedded handles for sure grip. Five year warranty. Crimps RJ45 modular plugs for data communications. Crimps RJ11 and RJ12 telephone plugs. Crimps RJ22 handset plugs. Cuts and strips round UTP/STP data cable and flat satin phone cable.



Part # 1556

UTC 864 WE

All-in-one crimping tool for Western Electric (WE) / Stewart Stamping (SS) type, four, six and eight position modular telephone plugs. Crimps four and six position RJ11/RJ12 connectors. Crimps eight position RJ45 (non-keyed). Embedded cable cutter and stripper. Crimps AWG 28 - 24 telephone and data cables. Length is 8.07 in (205mm).



Part # 1530R

Paladin Tools™

Twisted Pair Cable Crimpers



Part #	Die Only	Description	Crimp Style
1370	2670	Shielded RJ45, Stewart connector, short body	Round, shielded (STP), RJ45 STP Stewart connector, short body
1371	2671	Shielded RJ45, Hirose connectors, long body	Round, shielded (STP), RJ45 STP Hirose connectors, long body
1372	2672	Shielded RJ45, Hirose connectors, short body	Round, shielded (STP), RJ45 STP Hirose connectors, short body
1373	2673	Shielded RJ45, Molex connectors	5.0mm dia. Round, shielded (STP), RJ45 STP AMP and Molex
1374	2674	Shielded RJ45, AMP/Molex connectors	6.0mm dia. Round, shielded (STP), RJ45 STP AMP & Molex
8030	2061	RJ45 - 8P8C (8 pin)	Flat/round, solid/stranded/RJ45 Unkeyed WE and SS
8033	2064	RJ45 - 8P8C (8 pin)	Flat/round, solid/stranded/RJ45 Unkeyed AMP
8040	2670	Shielded RJ45, Stewart connector, short body	Round, shielded (STP), RJ45 STP Stewart connector, short body
8041	2671	Shielded RJ45, Hirose connectors, long body	Round, shielded (STP), RJ45 STP Hirose connectors, long body
8042	2672	Shielded RJ45, Hirose connectors, short body	Round, shielded (STP), RJ45 STP Hirose connectors, short body
8043	2673	Shielded RJ45, Molex connectors, for 5.0 dia. Cable	5.0mm dia. round, shielded (STP), RJ45 STP Molex connectors, 5.0mm dia cable
8044	2674	Shielded RJ45, AMP/Molex connectors, for 6.0 dia. Cable	6.0mm dia. Round, shielded (STP), RJ45 STP AMP and Molex, 6.0mm dia cable
8045	2687	RJ45 WE/SS and RG6/RG6 Quad CATV ""F	UTP 4-pair and RG6/RG6 Quad RJ45 WE/SS 8-pin and .360"" (9.1mm) Hex/.324"" (8.2mm) Hex
1307	2061	RJ45 8P8C (8 pin)	Flat/round/solid/stranded/RJ45 Unkeyed WE/SS
1342	2064	RJ45-8P8C (8 pin)	Flat/round/solid/stranded/RJ45 Unkeyed AMP



Professional Modular Crimp Tools

Provides a selection of high-quality modular crimp tools designed for high repeatability applications such as assembly operations or for the installation professional that demands guaranteed results for heavy-duty termination use. This series includes ratchet and non-ratchet mechanism designs and are offered for most modular connector sizes.



Non Ratchet Mechanism

Part #	Description
TEL-6000	Crimps 6P4C RJ-11, 6P6C RJ-12, 8P8C RJ-45. Features cable cutter and stripper, heat-treated carbon steel frame and safety blade guard.

With Ratchet Mechanism



Part #	Description
TEL-6001	Crimps 6P4C RJ-11, 6P6C RJ-12, 8P8C RJ-45. Features ratchet mechanism, cable cutter and stripper, heat-treated carbon steel frame and safety blade guard.
TEL-6020	Crimps 4P2C/4P4C handset, 6P4C RJ-11, 6P6C RJ-12, DEC offset 6P6C, Amp 8P8C RJ-45 10P10C. Features ratchet mechanism with safety release, straight motion die mechanism for precise crimps and built-in cutter and stripper.



Economy Line Crimp Tool

Part #	Description
TEL-6050	Crimps 8P8C RJ-45. Features hardened steel frame with cutting and stripping blades.



Installer Grade with Ratchet

Crimps 6P4C RJ-11, 6P6C RJ-12, 8P8C RJ-45 with ratchet mechanism installer grade steel from is light weight and durable.

Part # TEL-6030



Power



Standard Models - Power Strips

Electrical rating is 1800 watts (15 amps) except PS7224-20 and PS7224-20T is 2400 watts (20 amp). AC NEMA type is 5-15R except PS7224-20 and PS7224-20T is 5-15/20R. Power cord length is 15 feet. Power Cord type is 14/3 SJT except PS7224-20 and PS7224-20T is 12/3 SJT. Input plug NEMA type is 5-15P except PS7224-20 is 5-20P and PS7224-20T is L5-20P (twist lock).



Part #	Case Length	No. Receptacles
PS3612	36 in./2 ft.	12
PS4816	48 in./4 ft.	16
PS7224	72 in./6 ft.	24
PS2408	24 in.	8



Network Surge Suppressors

Protects networked equipment against lightning and surge damage on the data communications lines. Up to \$100,000 Ultimate Lifetime Insurance guarantees your protection for life, when used in conjunction with most Tripp Lite UPS systems or surge suppressors.



Part #	Application	Peak Pulse Clamping Voltage	Connector
DNET1	100 and 10Base-T, Token-Ring, AS400/Sys3x, RS422 protector (Wires 1-8) for NICs, terminals, hubs MAUs, etc.	7.5V	RJ45 (Male/Female)

Rackmount Models

Supports 1U rackmount, wallmount, under-counter and variety of other creative installation types. Cord 15 ft. Housing is black. Dimensions (LxWxH) 1.75 x 19 x 4.5.



Part #	Outlets	Electrical Rating
RS-1215	12	120V AC, 50/60Hz, 15A (Requires standard NEMA 5-15R wall receptacle)
RS-1215-20	12	120V AC, 50/60Hz, 20A (Requires NEMA 5-20R wall receptacle)
RS-1215-20T	12	120V AC, 50/60Hz, 20A (Requires NEMA 5-20R wall receptacle), Locking NEMA L5-20P input plug



Fiber Optic Cleaning Kit

The 8234-K Fiber Optic Cleaning Kit is designed for removing dust, lint, trace oils, and contaminants from fiber optics, connectors and tools. Clean your splicing tools thoroughly and frequently. When working with fiber, keep in mind that particles not visible to the naked eye could cause tremendous problems. Intensive cleaning of fiber and tools will save time and money down the road. Kit includes: 1 x M.G. Chemicals Fiber Optic Cleaner (500 ml), 1 x Kimtech Precision Wipes (280 wipes per box), 1 x Dispensing Pump.

Part #	Description
8234-500ML	Kit
8234-K	Liquid (Refill)
830-551	Wipes (Refill)



FiberAide™

High-purity, lint-free fabric sealed in water-proof, dust-proof protective package that is opened just before use.



Part # MCC-FA1

Fiber Connector Cleaner

This unique mini-pump spray dispenser contains 400 squirts of a nonflammable, plastic-safe, optical-grade cleaning fluid formulated for cleaning fiber optic ferrules installed in connector bulkheads. Fast-drying and ozone-safe, this nonhazardous cleaner is ideal for cleaning dust, oil, grime, and moisture from fiber optic ferrule ends and connector bulkheads. It is safe to use on most materials, including glass, ceramic, metal, plastic and cured epoxy surfaces. Ultra pure, this cleaner dries quickly without leaving a residue. TravelSAFE™ Mini-Pump with Triton™ 3-Way Dispenser.



Part # MCC-FCC03M

Fiber Preparation Fluid

Unlike competitive solvents, this optical-grade fluid has been engineered specifically for cleaning glass fiber prior to fusion splicing or termination. Nonflammable and plastic-safe, it also is ideal for cleaning residues from connector end-face after polishing. The cleaner is a safe, fast-drying, ozone-safe replacement for alcohol cleaners. It easily removes the buffers, dust, oil, grime and moisture from fiber optic cable. TravelSAFE™ Mini-Pump with Triton™ 3-Way Dispenser.



Part # MCC-FPF03M

FiberWipe™

Lint-free polyester fabric wipes engineered for optical applications. Ideal for optical fiber, connector end-faces, lenses, mirrors, diffraction gratings, prisms, LCD displays and test equipment.



Part # MCC-WFW

Fiber Optic Connector Cleaning Sticks

Use a fibrous, sintered polymer tip (molded not hand-wound). Provides dimensional consistency impossible with other materials that enables the tip to spin off-center, improvin cleaning.

Part #	Description	Description
MCC-S25	2.5mm connector cleaning stick	Fits SC, ST, FC, ASC, AFC, etc.
MCC-S16	2.0mm & 1.6mm connector cleaning kit	Fits MIL C 28876, MIL C 38999, D4, MT-RJ
MCC-S12	1.25mm connector cleaning stick	Fits LC, MU
MCC-XMT	Larger connectors and lenses	Fits SMA, MTP (with or without pins), Biconic, also for cleaning optical lenses within recessed fixtures
MCC-P25	Cleaning stick	For all exposed cylindrical ferrules in alignment sleeves
MCC-VM	Combo Pack	Contains all 5 types of cleaning sticks, 10 each, best for users with both military and commercial customers
MCC-VS	Combo Pack	twenty S25 sticks, ten S12, and twenty P25

Don't Let Wiring & Cabling Projects Turn in to an Unmanagable Mess

We have the right wire management products to help you organize and protect your wiring and create a professional looking covered wire system.



Installation & Protection

- Raceway
- Ducting
- Conduit
- Heat-shrink tubing

Organization

- Cable ties
- Tracks and trays
- Loom
- Sleeving

ID Solutions

- Inkjet, dot matrix, laser, and thermal transfer labels and label printers

Call us to find out more about our comprehensive selection of wire management products.

ENGLISH to METRIC:

	To convert:	Into:	Multiply by:
Distance:	Inches (in.).....	Millimeters (mm)	25.4
		Centimeters (cm)	2.54
		Meters (m).....	0.0254
	Feet (ft.).....	Centimeters (cm)	30.48
		Meters (m).....	0.3048
Yards (yd.).....	Centimeters (cm)	91.4	
	Meters (m).....	0.914	
Miles	Kilometers (km).....	1.609	
Weight:	Ounces (oz.).....	Grams (gm).....	28.35
		Kilograms (kg).....	0.028
	Pounds (lb.).....	Kilograms (kg).....	0.454
Force:	Foot Pounds (lb-ft).....	Newton Meters (N-m)	1.36
Temperature:	Fahrenheit (°F)	Celcius (°C).....	0.56, then subtract 18
Volume:	Quarts (qt.)	Liters (L).....	.946
	Gallons (gal.)	Liters (L).....	3.785

METRIC to ENGLISH:

	To convert:	Into:	Multiply by:
Distance:	Millimeters (mm).....	Inches (in.)	0.039
		Feet (ft.)	0.003
	Centimeters (cm).....	Inches (in.)	0.394
		Feet (ft.)	0.033
Meters (m).....	Feet (ft.)	3.281	
	Yards (yd.).....	1.093	
Kilometers.....	Miles (mi.)	0.621	
Weight:	Grams (gm)	Ounces (oz.)	0.035
		Pounds (lb.).....	0.002
	Kilograms (kg)	Pounds.....	(lb.) 2.203
Force:	Newton Meters (N-m).....	Foot Pounds (lb-ft)	0.738
Temperature:	Celcius (°C)	Fahrenheit (°F).....	1.8, then add 32
Volume:	Liters (L)	Quarts (qt.).....	1.057
		Gallons (gal.).....	0.264

Part #	Page	Part #	Page	Part #	Page	Part #	Page	Part #	Page
1163	83	0000097912	75	523646	74	7525108	12	4733317521	57
1307	83	0000113595	58	523653	74	7525116	12	4733737521	57
1342	83	0000119159	55	523783	75	7525124	12	4733747521	57
1370	83	0000119160	55	523790	75	7525140	12	4733757521	57
1371	83	0000119162	55	601382	71	7525157	12	4733767521	57
1372	83	0000119164	55	601443	71	7525165	12	4733797521	57
1373	83	0000119197	55	601597	70	7525173	12	4738517521	58
1374	83	0000119198	55	674200	70	7525181	12	4738627521	58
1556	83	0000150056	75	674261	71	7525199	12	4760007521	58
1573	80	0000150059	75	2131243	5	7525504	12	4760027521	58
2061	83	0000156599	56	2131244	5	7525512	12	4760057521	58
2064	83	156745	79	2131245	5	7525538	12	4760247521	58
2670	83	156752	79	2131248	5	7525595	12	4760927521	58
2671	83	0000161756	75	2131249	5	7525603	12	4802377500	57
2672	83	205016	79	2131256	5	7525629	12	4807397500	57
2673	83	470308	41	2131313	5	7525637	12	4807677500	57
2674	83	470315	41	2131376	5	7525652	11	4807687500	57
2687	83	470322	41	2131377	5	7525678	12	4808547500	57
8030	83	470339	41	2131419	5	7525751	12	4808797500	57
8033	83	471244	41	2131611	4	7525769	11	4830317505	58
8040	83	471251	41	2131673	4	7525785	11	4830327505	58
8041	83	471268	41	2133008	5	7525793	12	4831897500	57
8042	83	471275	41	2133009	5	7525819	12	4841637500	57
8043	83	471282	41	2133011	5	7525827	12	4843977500	57
8044	83	471299	41	2133012	5	7525835	11	4847797500	57
8045	83	471305	41	2133013	5	7526551	11	5122467500	71
8212	6	471312	41	2133015	5	7526569	12	7210247500	56
8213	6	471329	41	2133016	5	7526577	12	7210967500	56
8215	6	471336	41	2133017	5	7526585	12	7230687500	56
8221	6	471343	41	2133018	5	7526601	12	7232047501	56
8238	6	500517	79	2133019	5	7526619	12	7232617501	56
8241	6	501903	79	2133026	5	7526668	12	7364797500	61
8263	6	502207	79	2133027	5	7526684	11	7713287500	56
8279	6	502566	79	2133032	5	7526692	11	7714117500	56
8281	6	502917	76	2133033	5	7526718	12	7718467500	56
9011	7	502931	76	2133144	5	7526726	12	7719597500	56
9058	7	503082	79	2133161	5	7526734	12	7790297500	56
9062	7	503358	76	2133275	5	7528003	10	9010567501	55
9064	7	503433	78	2133296	5	7528011	10	9010577501	55
9066	7	505314	79	2133323	5	7528029	12	9010617501	55
9104	7	509510	75	2133359	5	7528037	10	9010627501	55
9110	7	510325	41	2133370	5	7528045	10	9010667501	55
9116	7	510332	41	2133373	5	7528052	12	9010677501	55
9118	7	510349	41	6131278	4	7528060	12	9010717501	55
9141	7	510356	41	6131433	4	7528078	12	9010727501	55
9231	7	510486	78	6133299	4	7528086	12	9010837501	55
9240	7	510493	78	6133403	4	7528102	10	9010847501	55
9244	7	510509	78	6937064	10	7528110	10	9010857501	55
9248	7	510523	78	6964795	10	7528128	12	9010867501	55
9259	7	510530	78	6964811	10	7528136	10	9010927501	55
9267	7	510547	78	6983381	10	7528144	10	9010947501	55
9274	7	510554	78	7071608	12	7528151	12	9010957501	55
9275	7	511216	41	7131688	4	7528169	12	9011017501	55
9290	7	511308	41	7131689	4	7528177	12	9011077501	55
9292	7	511377	41	7131760	4	7528185	12	9011207501	55
9438	10	511575	41	7131761	4	7528565	12	9011217501	55
9659	7	514736	40	7133707	4	7528573	12	9012897501	55
9764	7	514767	40	7133708	4	7528581	12	9012917501	55
9802	10	515320	78	7133764	4	7528755	12	9611117500	71
9803	10	515337	78	7133765	4	7528763	12	(XX)0011SNR1.6	15
9883	10	515344	78	7524507	11	7528789	12	(XX)0011SNR3.0	18
9886	10	515351	78	7524515	11	7528797	12	(XX)0011SNU3.0	17
9890	10	515368	78	7524523	11	2011157521	5	(XX)0021ANR	16
9894	10	515757	41	7524531	11	2011167521	5	(XX)0021B1D	17
0000034215	55	515764	41	7524556	10	2011197521	5	(XX)0021PNR	16
FEB1	68	515771	41	7524564	11	2015977521	5	(XX)0021PNU	16
FEB2	68	515788	41	7524572	11	2016327521	5	(XX)0021PNZ	15
FEB3	68	515795	41	7524580	11	2016337521	5	(XX)0021ZNR1.6	15
FEB4	68	515801	41	7524598	10	2018387521	5	(XX)0021ZNR3.0	18
40244	57	515818	41	7524598	11	4420097500	55	(XX)0021ZNU3.0	17
40249	57	515825	41	7524606	11	4420207500	55	(XX)0023H1M	14
41106	42	515832	41	7524614	11	4420547500	55	(XX)0023M1A-DWB	14
0000056415	75	516051	41	7524622	11	4420597500	55	(XX)0023M1D-DT	13
70001	83	516068	41	7524648	10	4420707500	55	(XX)0023M1M	13
70003	83	516082	41	7524648	11	4420807500	55	(XX)0023M1Y-DWB	13
70025	80	516099	41	7524655	10	4420857500	55	(XX)0023M1Z	14
0000070669	12	516105	41	7524655	11	4481107501	55	(XX)0024UNM-DT	15
0000070677	12	516112	41	7524663	11	4484497500	71	(XX)0041ANR	16
82108	6	516136	41	7524671	11	4490027501	55	(XX)0041B1D	17
82120	6	516143	41	7524689	11	4496857500	55	(XX)0041B3R	17
82241	6	519069	78	7524697	11	4499997501	55	(XX)0041PNR	16
82248	6	519151	78	7524911	11	4604757501	58	(XX)0041PNU	16
82259	6	520409	75	7525009	11	4604787501	58	(XX)0041PNU-ILP	15
87120	6	520416	75	7525017	11	4712937521	58	(XX)0041PNZ	15
88241	6	520423	75	7525025	11	4717917521	58	(XX)0044H1M	14
88281	7	522595	75	7525033	11	4718487521	57	(XX)0044M1A-DWB	14
89120	7	522618	75	7525058	11	4720467521	57	(XX)0044M1D-DT	13
89248	7	522755	75	7525066	11	4723577521	57	(XX)0044M1M	13
89259	7	522301	79	7525074	12	4723597521	57	(XX)0044M1Y-DWB	13
89292	7	523318	75	7525082	12	4723637521	57	(XX)0044M1Z	14
0000095072	58	523431	79	7525090	12	4723657521	57	(XX)0044UNM-DT	15

Part # Index

Part #	Page	Part #	Page	Part #	Page	Part #	Page	Part #	Page
(XX)0061ANR	16	(XX)0484M1A-DWB	14	065-1876ATB	77	1592A	1	40944*	57
(XX)0061B1D	17	(XX)0484M1D-DT	13	065-1876BEDTB	77	16(CT)-FT	33	40949*	57
(XX)0061B3R	17	(XX)0484M1M	13	065-1876BTB	77	1624P	2	41080-1P	43
(XX)0061PNR	16	(XX)0484M1Y-DWB	13	065-7007A	74	16458FT-C5E	51	41080-2P	43
(XX)0061PNU	16	(XX)0484M1Z	14	065-7012A	74	1694A	6	41080-3P	43
(XX)0061PNU-ILP	15	(XX)0601A1R	16	065-7331A	74	1695A	6	41080-4P	43
(XX)0061PNZ	15	(XX)0601P1D	17	065-7341A	74	16M24	64	41080-6P	43
(XX)0064H1M	14	(XX)0601P1D-ILP	15	065-7726S	74	16M58	64	41084-B*B	43
(XX)0064M1A-DWB	14	(XX)0601P1R	16	065-7726SDC	74	16M912	64	41084-B*F	43
(XX)0064M1D-DT	13	(XX)0601P1Z	15	065-7726SPOE	75	16U-MMP	51	41084-F*F	43
(XX)0064M1M	13	(XX)0604H1M	14	065-7732A	74	1700R	2	41084-S*F	43
(XX)0064M1Y-DWB	13	(XX)0604M1A-DWB	14	065-7732ADC	74	1701A	3	41084-S*Z	43
(XX)0064M1Z	14	(XX)0604M1D-DT	13	065-77LX	74	1701LC	2	41085-M*C	43
(XX)0064UNM-DT	15	(XX)0604M1M	13	065-77LXED	74	1703A	3	41085-ML*	43
(XX)0081ANR	16	(XX)0604M1Y-DWB	13	065-77SX	74	1752A	1	41085-S*C	43
(XX)0081B1D	17	(XX)0604M1Z	14	065-77TX	74	1829BC	6	41085-SL*	43
(XX)0081B3R	17	(XX)0721A1R	16	065-7840	74	1855A	6	41089-2*P	43
(XX)0081PNR	16	(XX)0721P1D	17	065-79LXEDMG	74	1864A	1	41089-4*P	43
(XX)0081PNU	16	(XX)0721P1D-ILP	15	065-79LXMG	74	1872A	2	41089-6*P	43
(XX)0084H1M	14	(XX)0721P1R	16	065-79SXEDMG	74	1874A	2	41A10-HCM	44
(XX)0084M1A-DWB	14	(XX)0721P1Z	15	065-79SXMG	74	20M24	64	41AB2-1F4	44
(XX)0084M1D-DT	13	(XX)0724H1F-DWB	13	110-CAP	52	20M58	64	41AB2-1F5	44
(XX)0084M1M	13	(XX)0724H1M	14	110CB-3PR	52	20M912	64	41AB2-2F4	44
(XX)0084M1Y-DWB	13	(XX)0724M1A-DWB	14	110CB-4PR	52	2137113e	3	41AB2-2F5	44
(XX)0084M1Z	14	(XX)0724M1D-DT	13	110CB-5PR	52	2137114e	3	41AB2-3F4	44
(XX)0084UNM-DT	15	(XX)0724M1M	13	110CB6-4PR	52	24(CT)-FT	33	41AB2-3F5	44
(XX)0101ANR	16	(XX)0724M1Y-DWB	13	110WB-100PR	52	24458FT-C5E	51	41AB6-1F4	44
(XX)0101PNR	16	(XX)0961A1R	16	110WB-100PR-L	52	24458FTHD-C5E	51	41AB6-3F4	44
(XX)0121ANR	16	(XX)0961P1D	17	110WB-300PR	52	24458MD-C5E	51	41AW2-100	44
(XX)0121B1D	17	(XX)0961P1D-ILP	15	110WB-300PR-L	52	24458MD-C6C	51	41AW2-300	44
(XX)0121B3R	17	(XX)0961P1R	16	110WB-50PR	52	24458S-C5E	51	41D10-HCM	44
(XX)0121PNR	16	(XX)0964H1M	14	110WB-50PR-L	52	24458S-C6C	51	41DB1-5FT	44
(XX)0121PNU	17	(XX)0964M1A-DWB	14	110WB6-288PR	52	24M24	64	41DBR-1F4	44
(XX)0121PNU-ILP	15	(XX)0964M1D-DT	13	110WB6-288PR-L	52	24M58	64	41DBR-1F5	44
(XX)0121PNZ	15	(XX)0964M1Z	14	110WB6-48PR	52	24M912	64	41DBR-2F4	44
(XX)0124H1F-DWB	13	(XX)1201A1R	16	110WB6-48PR-L	52	24U-HDMMP	51	41DBR-2F5	44
(XX)0124H1M	14	(XX)1204H1M	14	110WB6-96PR-L	52	24U-MMP	51	41DBR-3F4	44
(XX)0124M1A-DWB	14	(XX)1204M1A-DWB	14	110WB6-98PR	52	2BR12	65	41DBR-3F5	44
(XX)0124M1D-DT	13	(XX)1204M1Z	14	1115P	83	2BR20	65	41DR2-100	44
(XX)0124M1M	13	(XX)1441A1R	16	1151A	6	2BR32	65	41DR2-200	44
(XX)0124M1Y-DWB	13	(XX)1444H1D-DT	13	1152A	6	2BR8	65	41DR2-300	44
(XX)0124M1Z	14	(XX)1444H1M	14	1153A	6	2BRT12	65	42080-1P	43
(XX)0124UNM-DT	15	(XX)1444M1A-DWB	14	1164B	6	2BRT20	65	42080-1S	43
(XX)0181A1R	16	(XX)1444M1Z	14	1167B	6	2BRT32	65	42080-12*	43
(XX)0181B1D	17	(XX)1924H1M	14	1186A	6	2BRT8	65	42080-2*P	43
(XX)0181B3R	17	(XX)1924M1A-DWB	14	1189A	6	2CSKCATV	82	42080-2*S	43
(XX)0181P1R	16	(XX)2164H1M	14	1190A	6	2H4	64	42080-3*P	43
(XX)0181P1U	17	(XX)2164M1A-DWB	14	12(CT)-FT	33	30-496	82	42080-3*S	43
(XX)0181P1Z	15	065-1063FSC	76	1227A1	1	30-497	82	42080-4*P	43
(XX)0184H1M	14	065-1063FSM	76	1229A1	1	30-521	82	42080-4*S	43
(XX)0184M1A-DWB	14	065-1063FST	76	1232A1	1	30-522	82	42080-6*P	43
(XX)0184M1D-DT	13	065-1063T	76	1243A2	1	30-523	82	42080-6*S	43
(XX)0184M1M	13	065-1075VTR	76	12458FT-C5E	51	30-560	82	42080-8*P	43
(XX)0184M1Y-DWB	13	065-1075VTRSM	76	12458FTHD-C5E	51	30-599	82	43080-1S1	43
(XX)0184M1Z	14	065-1100	77	12458M-C5E	51	30-696	82	43080-1S2	43
(XX)0241A1R	16	065-1100LFS	77	12458M-C6C	51	32(CT)-FT	33	43080-1S3	43
(XX)0241B1D	17	065-1110	77	12458MD-C5E	51	32458FT-C5E	51	43080-1S4	43
(XX)0241B3R	17	065-1110LFS	77	12458MD-C6C	51	32M24	64	43080-1S6	43
(XX)0241P1R	16	065-1120	77	1245A2	1	32M58	64	43080-2S1	43
(XX)0241P1U	17	065-1120ED	77	12M(CT)-FT	32	32M912	64	43080-2S2	43
(XX)0241P1Z	15	065-1120EDLFS	77	12M(CT)-FT	32	33-296	82	43080-2S3	43
(XX)0241PNR	16	065-1120LFS	77	12U-HDMMP	51	33-700	82	43080-2S4	43
(XX)0241PNU-ILP	15	065-1120XLD	77	12U-MMP	51	33-856	80	43080-2S6	43
(XX)0244H1F-DWB	13	065-1120XLDLFS	77	1406B	6	40050-MCV	44	43080-2S8	43
(XX)0244H1M	14	065-1130	76	1407B	6	40050-MHG	44	45-162	82
(XX)0244M1A-DWB	14	065-1130ED	76	1417B	6	40050-MHO	44	45-163	82
(XX)0244M1D-DT	13	065-1130XLD	76	1418B	6	40054-ODS	44	45-164	82
(XX)0244M1M	13	065-1132	76	1426A	6	40054-DDS	44	45-165	82
(XX)0244M1Y-DWB	13	065-1132ED	76	1500A	1	40066-OMR	44	4625B-44	57
(XX)0244M1Z	14	065-1132XLD	76	1500R	1	40066-OMW	44	4625B-46*	57
(XX)0304M1M	13	065-1170LFS	77	1501A	1	40066-M25	44	47612-MMA	26
(XX)0361A1R	16	065-1172	77	1505A	6	40066-M50	44	48(CT)-FT	33
(XX)0361B1D	17	065-1172LFS	77	1505F	6	40066-MW2	44	48458FT-C5E	51
(XX)0361P1D	17	065-1174	77	1506A	6	40067-OBC	44	48458FTHD-C5E	51
(XX)0361P1R	16	065-1174LFS	77	1520A	6	40089-00D	42	48458MD-C5E	51
(XX)0361P1Z	15	065-1190	76	1521A	6	40089-00D	44	48458MD-C6C	51
(XX)0361PNU-ILP	15	065-1190HS	76	1522A	6	40238*	57	48U-HDMMP	51
(XX)0364H1M	14	065-1194	78	1523A	6	40258-I	57	48U-MMP	51
(XX)0364M1A-DWB	14	065-1194ED	78	1530A	6	40266*	57	49103-IDC	44
(XX)0364M1D-DT	13	065-1195	78	1530R	83	40280*	57	49104-IDC	44
(XX)0364M1M	13	065-1196	77	1533P	6	40734-CV*	43	49105-IDC	44
(XX)0364M1Y-DWB	13	065-1197	78	1533R	2	40734-SV*	43	49255-D48	42
(XX)0364M1Z	14	065-1197ED	78	1583A	1	40735-R#*	43	49255-D72	42
(XX)0481A1R	16	065-1198XLD	78	1583B	1	40830-B*E	43	49255-H24	42
(XX)0481B1D	17	065-11DINMT	77	1583R	1	40830-B*L	43	49255-H48	42
(XX)0481P1D	17	065-1800TB	77	1585A	1	40830-B*R	43	49255-Q89	42
(XX)0481P1R	16	065-1810TB	77	1585B	1	40830-B*V	43	49882-MST	21
(XX)0481P1Z	15	065-1820EDTB	77	1585C	1	40830-B*Y	43	49882-SST	21
(XX)0481PNU-ILP	15	065-1820TB	77	1588A	1	40831-OB1*	43	49883-MFC	21
(XX)0484H1F-DWB	13	065-1820XLDTB	77	1588R	1	40832-OB*	43	49883-SFC	21
(XX)0484H1M	14	065-1876AEDTB	77	1590A	1	40839-S*S	43	49884-MSC	21

Part #	Page	Part #	Page	Part #	Page	Part #	Page	Part #	Page
49884-SSC	21	5R030-OHB	25	811-027-LLL	39	812-M62M-LLL50	35	820-468-LLL	39
49888-SSF	21	5R100-OFR	25	811-027-LLL	39	812-M62M-LLL50H	35	820-468-LLL	39
49888-5SW	21	5R130-00N	25	811-032-LLL	36	812-M62M-LLL50L	35	820-485-LLL	38
49888-6SF	21	5R1UA-03	25	811-047-LLL	39	812-M62M-LLL50LH	35	820-485-LLL	38
49888-6SW	21	5R1UE-A03	25	811-067-LLL	39	812-M62M-LLLM	35	820-486-LLL	39
49990-MDL	21	5R230-OAB	25	811-067-LLL	39	812-M62M-LLLMH	35	820-486-LLL	39
49990-MFC	21	5R230-OHB	25	811-0L2-LLL	36	812-M62M-LLLS	35	820-487-LLL	38
49990-ML2	21	5R2UA-A06	25	811-0L7-LLL	39	812-M62M-LLLSH	35	820-487-LLL	38
49990-MSC	21	5R330-OAA	25	811-0L7-LLL	39	812M912	64	820-488-LLL	39
49990-MST	21	5R330-OAB	25	812-M11-LLL	34	812-ML12-LLH	34	820-488-LLL	39
49990-SDL	21	5R330-OHA	25	812-M11-LLL50	34	812-ML1-LLL	34	820-495-LLL	38
49990-SFC	21	5R330-OHB	25	812-M12-LLL	34	812-ML1-LLL50	34	820-495-LLL	38
49990-SL2	21	5R3UA-A12	25	812-M12-LLL50	34	812-ML1-LLL50L	34	820-496-LLL	39
49990-SSC	21	5R430-00N	25	812-M12-LLL50H	34	812-ML1-LLLM	35	820-496-LLL	39
49990-SST	21	5R440-00N	25	812-M12-LLH	34	812-ML1-LLLS	34	820-497-LLL	38
49991-5LC	22	5R460-00N	25	812-M21-LLL50	35	812-ML1M-LLL50	35	820-497-LLL	38
49991-5SC	22	5R730-00N	26	812-M21-LLL50L	34	812-ML1M-LLL50L	35	820-498-LLL	39
49991-5ST	22	5R740-00N	26	812-M21-LLLM	35	812-ML1M-LLLM	35	820-498-LLL	39
49991-LLC	22	5R760-00N	26	812-M21-LLLS	34	812-ML1M-LLLS	35	820-665-LLL	38
49991-MLC	22	5R930-00N	26	812-M21M-LLL50	35	812-ML2-LLL	34	820-666-LLL	39
49991-MSC	22	5R940-00N	26	812-M21M-LLL50H	35	812-ML2-LLL50	34	820-667-LLL	38
49991-MST	22	5R960-00N	26	812-M21M-LLL50L	35	812-ML2-LLL50H	34	820-668-LLL	39
49991-SLC	22	5T000-00T	25	812-M21M-LLL50LH	35	812-ML2-LLL50L	34	820-685-LLL	38
49991-SSC	22	5T000-3MT	25	812-M21M-LLLM	35	812-ML2-LLL50LH	34	820-685-LLL	38
49991-SST	22	5T000-ATT	25	812-M21M-LLLMH	35	812-ML2-LLLS	35	820-686-LLL	39
4BRT20	65	5W110-00N	25	812-M21M-LLLS	35	812-ML2-LLLS	34	820-686-LLL	39
4BRT20WS	65	5W120-00N	25	812-M21M-LLLSH	35	812-ML2-LLLSH	34	820-687-LLL	38
4BRT32	65	5W170-00N	25	812-M22-LLL50	35	812-ML2M-LLL50	35	820-687-LLL	38
4BRT32WS	65	5W310-00N	25	812-M22-LLL50L	34	812-ML2M-LLL50L	35	820-688-LLL	39
4BRT64	65	5W320-00N	25	812-M22-LLL50LH	34	812-ML2M-LLLM	35	820-688-LLL	39
4H24	64	5W370-00N	25	812-M22-LLH	35	812-ML2M-LLLS	35	820-689-LLL	38
4H58	64	5W710-00N	25	812-M22-LLS	34	812-MM1-LLL	34	820-695-LLL	38
4H912	64	5W720-00N	25	812-M22-LLSH	34	812-MM1-LLL50	34	820-695-LLL	38
4S255-S24	42	5W770-00N	25	812-M22M-LLL50	35	812-MM1-LLL50L	34	820-696-LLL	39
5131278e	4	6110G-R*6	42	812-M22M-LLL50H	35	812-MM1-LLLS	34	820-696-LLL	39
5131361e	4	61110-R*6	42	812-M22M-LLL50L	35	812-MM2-LLL	34	820-696-LLL	39
5131379e	4	61C05-B13	42	812-M22M-LLL50LH	35	812-MM2-LLL50	34	820-697-LLL	38
5131418e	4	65180-5H6	42	812-M22M-LLLM	35	812-MM2-LLL50L	34	820-697-LLL	38
5131431e	4	69104-IDC	44	812-M22M-LLLMH	35	812-MM2-LLLS	34	820-697-LLL	38
5131450e	4	6910G-U24	42	812-M22M-LLLS	35	820-112-LLL	36	820-698-LLL	39
5133200e	4	6910G-U48	42	812-M22M-LLLSH	35	820-114-LLL	36	820-698-LLL	39
5133255e	4	69586-C48	42	812M24	64	820-132-LLL	36	820-698-LLL	39
5133289e	4	69586-U12	42	812-M31-LLL	34	820-134-LLL	36	820-885-LLL	38
5133299e	4	69586-U24	42	812-M31-LLL50	34	820-225-LLL	38	820-886-LLL	39
5133329e	4	69586-U48	42	812-M32-LLL	34	820-226-LLL	39	820-887-LLL	38
5133374e	4	69586-U89	42	812-M32-LLL50	34	820-227-LLL	38	820-888-LLL	39
55180-5H5	42	69586-U96	42	812-M32-LLL50H	34	820-228-LLL	39	820-895-LLL	38
59596-U89	42	6M24	64	812-M32-LLH	34	820-245-LLL	38	820-896-LLL	39
5D000-1RM	25	6M58	64	812-M41-LLL50	35	820-245-LLL	38	820-897-LLL	38
5F100-012	26	6M912	64	812-M41-LLL50L	34	820-246-LLL	39	820-898-LLL	39
5F100-OMT	26	7731A	6	812-M41-LLLM	35	820-246-LLL	39	820-995-LLL	38
5F100-OST	26	7733A	6	812-M41-LLLS	34	820-247-LLL	38	820-996-LLL	39
5F100-12M	26	7851A	2	812-M41M-LLL50	35	820-247-LLL	38	820-997-LLL	38
5F100-1PF	26	7852A	2	812-M41M-LLL50H	35	820-248-LLL	39	820-998-LLL	39
5F100-1ST	26	7881A	2	812-M41M-LLL50L	35	820-248-LLL	39	820-E12-LLL	36
5F100-3BC	26	7882A	2	812-M41M-LLL50LH	35	820-265-LLL	38	820-E14-LLL	36
5F100-3CE	26	810-012-LLL	36	812-M41M-LLLM	35	820-265-LLL	38	820-E32-LLL	36
5F100-3SC	26	810-047-LLL	39	812-M41M-LLLMH	35	820-266-LLL	39	820-E34-LLL	36
5F100-3ZC	26	810-112-LLL	36	812-M41M-LLLS	35	820-266-LLL	39	820-EE2-LLL	36
5F100-6BC	26	810-132-LLL	36	812-M41M-LLLSH	35	820-267-LLL	38	820-EE4-LLL	36
5F100-6MC	26	810-227-LLL	39	812-M42-LLL50	35	820-267-LLL	38	820-EL2-LLL	36
5F100-6QP	26	810-242-003	35	812-M42-LLL50L	34	820-268-LLL	39	820-L12-LLL	36
5F100-6ZC	26	810-242-006	35	812-M42-LLL50LH	34	820-268-LLL	39	820-L14-LLL	36
5F100-6ZF	26	810-242-009	35	812-M42-LLLM	35	820-285-LLL	38	820-L25-LLL	38
5F100-6ZT	26	810-242-017	35	812-M42-LLLS	34	820-285-LLL	38	820-L25-LLL	38
5F100-8PF	26	810-242-033	35	812-M42-LLLSH	34	820-286-LLL	39	820-L26-LLL	39
5F100-8ST	26	810-247-LLL	39	812-M42M-LLL50	35	820-286-LLL	39	820-L26-LLL	39
5F100-8ZT	26	810-247-LLL	39	812-M42M-LLL50H	35	820-287-LLL	38	820-L27-LLL	38
5F100-BLK	26	810-267-LLL	39	812-M42M-LLL50L	35	820-287-LLL	38	820-L27-LLL	38
5F100-BPP	26	810-267-LLL	39	812-M42M-LLL50LH	35	820-288-LLL	39	820-L28-LLL	39
5F100-CSC	26	810-332-LLL	36	812-M42M-LLLM	35	820-288-LLL	39	820-L28-LLL	39
5F100-NST	26	810-442-003	35	812-M42M-LLLMH	35	820-295-LLL	38	820-L32-LLL	36
5F100-OSC	26	810-442-006	35	812-M42M-LLLS	35	820-295-LLL	38	820-L34-LLL	36
5G108-R*5	42	810-442-009	35	812-M42M-LLLSH	35	820-296-LLL	39	820-L45-LLL	38
5G110-R*5	42	810-442-033	35	812M58	64	820-296-LLL	39	820-L45-LLL	38
5G596-C48	42	810-445-LLL	39	812-M61-LLL50	35	820-297-LLL	38	820-L46-LLL	39
5G596-U12	42	810-447-LLL	39	812-M61-LLL50L	35	820-297-LLL	38	820-L46-LLL	39
5G596-U24	42	810-467-LLL	39	812-M61-LLLM	35	820-298-LLL	39	820-L47-LLL	38
5G596-U48	42	810-467-LLL	39	812-M61-LLLS	35	820-298-LLL	39	820-L47-LLL	38
5G596-U89	42	810-667-LLL	39	812-M61M-LLL50	35	820-332-LLL	36	820-L48-LLL	39
5G596-U96	42	810-L12-LLL	36	812-M61M-LLL50H	35	820-334-LLL	36	820-L48-LLL	39
5P030-OAB	25	810-L27-LLL	39	812-M61M-LLL50L	35	820-445-LLL	38	820-L65-LLL	38
5P030-OHB	25	810-L27-LLL	39	812-M61M-LLL50LH	35	820-446-LLL	39	820-L65-LLL	38
5P130-00N	25	810-L32-LLL	36	812-M61M-LLLM	35	820-447-LLL	38	820-L66-LLL	39
5P230-OAB	25	810-L47-LLL	39	812-M61M-LLLMH	35	820-448-LLL	39	820-L66-LLL	39
5P230-OHB	25	810-L47-LLL	39	812-M61M-LLLS	35	820-465-LLL	38	820-L67-LLL	38
5P330-OAA	25	810-L65-LLL	39	812-M61M-LLLSH	35	820-465-LLL	38	820-L67-LLL	38
5P330-OAB	25	810-LL2-LLL	36	812-M62-LLL50	35	820-466-LLL	39	820-L68-LLL	39
5P330-OHA	25	810-LL7-LLL	39	812-M62-LLL50L	35	820-466-LLL	39	820-L68-LLL	39
5P330-OHB	25	811-002-LLL	36	812-M62-LLLM	35	820-467-LLL	38	820-L85-LLL	38
5R030-OAB	25	811-007-LLL	39	812-M62-LLLS	35	820-467-LLL	38	820-L85-LLL	38

Part # Index

Part #	Page	Part #	Page	Part #	Page	Part #	Page	Part #	Page
820-L86-LLL	39	825-134-LLL	36	825-888-LLL	39	826-088-LLL	39	850-L32-LLL	37
820-L86-LLL	39	825-225-LLL	38	825-895-LLL	38	826-088-LLL	39	850-LL2-LLL	37
820-L87-LLL	38	825-226-LLL	39	825-896-LLL	39	826-097-LLL	38	851-002-LLL	37
820-L87-LLL	38	825-227-LLL	38	825-896-LLL	39	826-097-LLL	38	851-012-LLL	37
820-L88-LLL	39	825-228-LLL	39	825-897-LLL	38	826-098-LLL	39	851-032-LLL	37
820-L88-LLL	39	825-245-LLL	38	825-898-LLL	39	826-098-LLL	39	851-0L2-LLL	37
820-L95-LLL	38	825-245-LLL	38	825-898-LLL	39	826-0E2-LLL	36	8xx-M1t-LLL	34
820-L95-LLL	38	825-246-LLL	39	825-995-LLL	38	826-0E4-LLL	36	8xx-M1t-LLL50	34
820-L96-LLL	39	825-246-LLL	39	825-996-LLL	39	826-0L2-LLL	36	8xx-M2t-LLL50L	34
820-L96-LLL	39	825-247-LLL	38	825-997-LLL	38	826-0L4-LLL	36	8xx-M2t-LLLS	34
820-L97-LLL	38	825-247-LLL	38	825-998-LLL	39	826-0L7-LLL	38	8xx-M3t-LLL	34
820-L97-LLL	38	825-248-LLL	39	825-E12-LLL	36	826-0L7-LLL	38	8xx-M3t-LLL50	34
820-L98-LLL	39	825-248-LLL	39	825-E14-LLL	36	826-0L8-LLL	39	8xx-M4t-LLL50L	34
820-L98-LLL	39	825-265-LLL	38	825-E32-LLL	36	826-0L8-LLL	39	8xx-M4t-LLLS	34
820-LL2-LLL	36	825-265-LLL	38	825-E34-LLL	36	8281B	6	8xx-MLt-LLL	34
820-LL5-LLL	38	825-266-LLL	39	825-EE2-LLL	36	8281F	6	8xx-MLt-LLL50	34
820-LL6-LLL	39	825-266-LLL	39	825-EE4-LLL	36	830-112-LLL	36	8xx-MLt-LLL50L	34
820-LL7-LLL	38	825-267-LLL	38	825-EL2-LLL	36	830-114-LLL	37	8xx-MLt-LLLS	34
820-LL8-LLL	39	825-267-LLL	38	825-EL4-LLL	36	830-132-LLL	36	8xx-MMt-LLL	34
821-002-LLL	36	825-268-LLL	39	825-L12-LLL	36	830-134-LLL	37	8xx-MMt-LLL50	34
821-004-LLL	36	825-268-LLL	39	825-L14-LLL	36	830-332-LLL	36	8xx-MMt-LLL50L	34
821-012-LLL	36	825-285-LLL	38	825-L25-LLL	38	830-334-LLL	37	8xx-MMt-LLLS	34
821-014-LLL	36	825-285-LLL	38	825-L25-LLL	38	830-551	85	9117M	7
821-032-LLL	36	825-286-LLL	39	825-L26-LLL	39	830-E12-LLL	36	96U-HDMMP	51
821-034-LLL	36	825-286-LLL	39	825-L26-LLL	39	830-E14-LLL	37	96U-MMP	51
821-0E2-LLL	36	825-287-LLL	38	825-L27-LLL	38	830-E32-LLL	36	A0408835	24
821-0L2-LLL	36	825-287-LLL	38	825-L27-LLL	38	830-E34-LLL	37	ABM2S-A-D	60
821-EL4-LLL	36	825-288-LLL	39	825-L28-LLL	39	830-EE2-LLL	36	ABMM-A-D	60
821-LL4-LLL	36	825-288-LLL	39	825-L28-LLL	39	830-EE4-LLL	37	ABMS-A-D	60
822-007-LLL	38	825-295-LLL	38	825-L32-LLL	36	830-EL2-LLL	36	AFAB3	62
822-008-LLL	39	825-295-LLL	38	825-L34-LLL	36	830-EL4-LLL	37	AFAB4	62
822-027-LLL	38	825-296-LLL	39	825-L45-LLL	38	830-L12-LLL	36	AFAB6	62
822-027-LLL	38	825-296-LLL	39	825-L45-LLL	38	830-L14-LLL	37	AFACE	67
822-028-LLL	39	825-297-LLL	38	825-L46-LLL	39	830-L32-LLL	36	AP1-QTR-S1	31
822-028-LLL	39	825-297-LLL	38	825-L46-LLL	39	830-L34-LLL	37	AP1-QTR-S6S	31
822-047-LLL	38	825-298-LLL	39	825-L47-LLL	38	830-LL2-LLL	36	AP2-QTR-S1	31
822-047-LLL	38	825-298-LLL	39	825-L47-LLL	38	830-LL4-LLL	37	AP2-QTR-S1S	31
822-048-LLL	39	825-332-LLL	36	825-L48-LLL	39	831-002-LLL	36	AP2-QTR-S6S	31
822-048-LLL	39	825-334-LLL	36	825-L48-LLL	39	831-004-LLL	37	AP3-QTR-D3	31
822-067-LLL	38	825-445-LLL	38	825-L65-LLL	38	831-012-LLL	36	AP3-QTR-D350L	31
822-067-LLL	38	825-446-LLL	39	825-L65-LLL	38	831-014-LLL	37	AP3-QTR-D3B	31
822-068-LLL	39	825-447-LLL	38	825-L66-LLL	39	831-032-LLL	36	AP3-QTR-D3S	31
822-068-LLL	39	825-448-LLL	39	825-L66-LLL	39	831-034-LLL	37	AP3-QTR-D8S	31
822-087-LLL	38	825-465-LLL	38	825-L66-LLL	39	831-0E2-LLL	36	AP3-QTR-QL	31
822-087-LLL	38	825-465-LLL	38	825-L67-LLL	38	831-0E4-LLL	37	AP3-QTR-QL50L	31
822-088-LLL	39	825-466-LLL	39	825-L68-LLL	39	831-0L2-LLL	36	AP3-QTR-QLB	31
822-088-LLL	39	825-466-LLL	39	825-L68-LLL	39	831-0L4-LLL	37	AP3-QTR-QLS	31
822-097-LLL	38	825-467-LLL	38	825-L85-LLL	38	832-222-LLL	37	AP5-QTR-S1	31
822-097-LLL	38	825-467-LLL	38	825-L85-LLL	38	832-224-LLL	38	AP5-QTR-S1S	31
822-098-LLL	39	825-468-LLL	39	825-L86-LLL	39	832-242-LLL	37	APB-QTR	31
822-098-LLL	39	825-468-LLL	39	825-L86-LLL	39	832-244-LLL	38	APL-QTR-DL	31
822-0L7-LLL	38	825-485-LLL	38	825-L87-LLL	38	832-442-LLL	37	APL-QTR-DLB	31
822-0L7-LLL	38	825-485-LLL	38	825-L87-LLL	38	832-444-LLL	38	APL-QTR-DLS	31
822-0L8-LLL	39	825-486-LLL	39	825-L88-LLL	39	832-L22-LLL	37	APL-QTR-S0	31
822-0L8-LLL	39	825-486-LLL	39	825-L88-LLL	39	832-L24-LLL	38	APL-QTR-S3	31
822-112-LLL	37	825-487-LLL	38	825-L95-LLL	38	832-L42-LLL	37	APL-QTR-S350L	31
822-114-LLL	37	825-487-LLL	38	825-L95-LLL	38	832-L44-LLL	38	APL-QTR-S3B	31
822-132-LLL	37	825-488-LLL	39	825-L96-LLL	39	832-LL2-LLL	37	APL-QTR-S3S	31
822-134-LLL	37	825-488-LLL	39	825-L96-LLL	39	832-LL4-LLL	38	APL-QTR-S8S	31
822-332-LLL	37	825-495-LLL	38	825-L97-LLL	38	833-002-LLL	37	APL-QTR-SL50L	31
822-334-LLL	37	825-495-LLL	38	825-L97-LLL	38	833-004-LLL	38	ARC.68-A-C14	61
822-E12-LLL	37	825-496-LLL	39	825-L98-LLL	39	833-022-LLL	37	ARC.68-S6-C14	61
822-E14-LLL	37	825-496-LLL	39	825-L98-LLL	39	833-024-LLL	38	AX10029	24
822-E32-LLL	37	825-497-LLL	38	825-LL2-LLL	36	833-042-LLL	37	AX100284	53
822-E34-LLL	37	825-497-LLL	38	825-LL4-LLL	36	833-044-LLL	38	AX100452	53
822-EE2-LLL	37	825-498-LLL	39	825-LL5-LLL	38	833-0L2-LLL	37	AX100454	53
822-EE4-LLL	37	825-498-LLL	39	825-LL6-LLL	39	833-0L4-LLL	38	AX100465	53
822-EL2-LLL	37	825-665-LLL	38	825-LL7-LLL	38	842-222-LLL	37	AX100473	53
822-EL4-LLL	37	825-666-LLL	39	825-LL8-LLL	39	842-224-LLL	38	AX100491	53
822-L12-LLL	37	825-667-LLL	38	826-002-LLL	36	842-242-LLL	37	AX100934	29
822-L14-LLL	37	825-668-LLL	39	826-004-LLL	36	842-244-LLL	38	AX100935	29
822-L32-LLL	37	825-685-LLL	38	826-007-LLL	38	842-442-LLL	37	AX101075	24
822-L34-LLL	37	825-686-LLL	39	826-008-LLL	39	842-444-LLL	38	AX101077	24
822-LL2-LLL	37	825-686-LLL	39	826-012-LLL	36	842-L22-LLL	37	AX101084	29
822-LL4-LLL	37	825-687-LLL	38	826-014-LLL	36	842-L24-LLL	38	AX101085	29
823-002-LLL	37	825-687-LLL	38	826-027-LLL	38	842-L42-LLL	37	AX101308	53
823-004-LLL	37	825-688-LLL	39	826-027-LLL	38	842-L44-LLL	38	AX101309	53
823-012-LLL	37	825-688-LLL	39	826-028-LLL	39	842-LL2-LLL	37	AX101310	53
823-014-LLL	37	825-695-LLL	38	826-028-LLL	39	842-LL4-LLL	38	AX101311	53
823-032-LLL	37	825-695-LLL	38	826-032-LLL	36	843-002-LLL	37	AX101312	53
823-034-LLL	37	825-695-LLL	38	826-034-LLL	36	843-004-LLL	38	AX101313	53
823-0E2-LLL	37	825-696-LLL	39	826-047-LLL	38	843-022-LLL	37	AX101314	53
823-0E4-LLL	37	825-696-LLL	39	826-047-LLL	38	843-024-LLL	38	AX101315	53
823-0L2-LLL	37	825-697-LLL	38	826-048-LLL	39	843-042-LLL	37	AX101319	53
823-0L4-LLL	37	825-697-LLL	38	826-048-LLL	39	843-044-LLL	38	AX101320	53
8234-500ML	85	825-697-LLL	38	826-067-LLL	38	843-0L2-LLL	38	AX101321	53
8234-K	85	825-698-LLL	39	826-067-LLL	38	843-0L4-LLL	38	AX101322	53
825-112-LLL	36	825-698-LLL	39	826-068-LLL	39	850-112-LLL	37	AX101323	53
825-114-LLL	36	825-885-LLL	38	826-068-LLL	39	850-132-LLL	37	AX101324	53
825-132-LLL	36	825-886-LLL	39	826-087-LLL	38	850-332-LLL	37	AX101325	53
825-132-LLL	36	825-887-LLL	38	826-087-LLL	38	850-L12-LLL	37	AX101326	53

Part #	Page	Part #	Page	Part #	Page	Part #	Page	Part #	Page
AX101431	54	AX102008	54	AX102574	53	BP19-03	73	CAT425912SM	63
AX101432	54	AX102009	54	AX102575	53	BR1	68	CAT425A6	63
AX101433	54	AX102010	54	AX102576	53	BR2	68	CAT425AF14	63
AX101434	54	AX102011	54	AX102577	53	BWS-8008	74	CAT425BC	63
AX101435	54	AX102012	54	AX102578	53	BWS-8024	74	CAT425BC200	63
AX101436	54	AX102013	54	AX102579	53	C1102	9	CAT425VF14	63
AX101437	54	AX102032	30	AX102580	53	C1103	9	CAT425WM	63
AX101438	54	AX102033	30	AX102581	53	C1104	9	CAT64	63
AX101439	54	AX102089	29	AX102582	54	C1106	9	CAT6424	63
AX101440	54	AX102090	29	AX102583	54	C1112	9	CAT6424SM	63
AX101441	54	AX102091	29	AX102584	54	C1135	9	CAT6458	63
AX101442	54	AX102092	29	AX102608	54	C1154	8	CAT6458SM	63
AX101456	53	AX102093	29	AX102609	54	C1158A	7	CAT64912	63
AX101458	53	AX102094	29	AX102614	53	C1160	8	CAT64912SM	63
AX101611	53	AX102095	29	AX102615	53	C1180	8	CAT64BC	63
AX101613	53	AX102096	29	AX102616	53	C1198	8	CAT64BC200	63
AX101745	54	AX102097	29	AX102617	53	C2509A	10	CAT64CD1B	63
AX101746	54	AX102098	29	AX102618	53	C2510	10	CAT64PLR	63
AX101747	54	AX102099	29	AX102619	53	C2511	10	CAT64VF14	63
AX101748	54	AX102100	29	AX102620	53	C3521	8	CATHBA	63
AX101757	53	AX102101	29	AX102621	54	C3523	8	CATHBA3	63
AX101758	53	AX102102	29	AX102622	54	C3P002.30.02	4	CATHBA6	63
AX101759	53	AX102103	29	AX102623	54	C3P004.30.02	4	CATHBA8	63
AX101760	53	AX102104	29	AX102630	53	C3R002.30.10	4	CATMTLS	62
AX101761	53	AX102105	29	AX102649	53	C3R004.30.10	4	CATMTP	62
AX101762	53	AX102106	29	AX102650	53	C5025	8	CATRL200CM	65
AX101763	53	AX102107	29	AX250001	29	C5029	9	CATRL300CM	65
AX101764	53	AX102108	29	AX250005	29	C5043	9	CATRT200CM	65
AX101765	53	AX102109	29	AX250009	29	C5760	8	CATRT300CM	65
AX101766	53	AX102110	29	AX250011	29	C5761	8	CATTBCM	65
AX101767	53	AX102111	29	AX250021	29	C5770	9	CATTRC	63
AX101768	53	AX102112	29	AX250052	29	C5774	8	CATTS	63
AX101769	53	AX102113	29	AX250054	29	C5775	8	CBS-MRK-31	69
AX101770	53	AX102114	29	AX250060	29	C5776	8	CBS-MRK-36	69
AX101771	53	AX102115	29	AX250061	29	C5777	7	CBX1*-A	46
AX101772	53	AX102116	29	AX250065	29	C5780	9	CBX12*-AY	46
AX101773	54	AX102117	29	AX250066	29	C5785	8	CBX2*-AY	46
AX101774	54	AX102118	29	AX250067	29	C5802	7	CBX4*-AY	46
AX101775	54	AX102119	29	AX250071	29	C5804	7	CBXC4*-A	46
AX101776	54	AX102120	29	AX250072	29	C5820	8	CBXD6*-AY	46
AX101777	54	AX102121	29	AX250073	29	C5822	8	CBXJ2*-A	46
AX101778	54	AX102122	29	AX250105	29	C5824	8	CCS10	66
AX101779	54	AX102123	29	AX250106	29	C5826	8	CCS15	66
AX101780	54	AX102124	29	AX250178	29	C6061	10	CCS20	66
AX101781	54	AX102125	29	AX250179	29	C6062	10	CCS25	66
AX101782	54	AX102126	29	AX250180	29	C8005	9	CCS25-S8-M	60
AX101783	54	AX102127	29	AX250224	29	CAT KITA	63	CCS30	66
AX101784	54	AX102128	29	AX250345	29	CAT KITB	63	CCS31-S8-M	60
AX101785	54	AX102129	29	AX250349	29	CAT KITC	63	CCS35	66
AX101786	54	AX102130	29	AX250376	29	CAT100CM	65	CCS-B	66
AX101787	54	AX102197	29	AX250387	29	CAT12	62	CFACE	67
AX101788	54	AX102198	29	AX250412	29	CAT200CM	65	CFAPPBL1	27
AX101789	54	AX102199	29	AX250413	29	CAT200CMLN	65	CFAPPBL2	27
AX101790	54	AX102200	29	AX250457	29	CAT21	63	CFP1*	46
AX101791	24	AX102201	29	AX250458	29	CAT2124	62	CFP2*	46
AX101792	24	AX102202	29	AX250459	29	CAT2124SM	62	CFP4*	46
AX101793	24	AX102203	29	AX250460	29	CAT214Z34	62	CFPL2*Y	46
AX101794	24	AX102204	29	AX250461	29	CAT21528	62	CFPL3*Y	46
AX101869	54	AX102205	29	AX250539	29	CAT2158	62	CFPL4*Y	46
AX101870	54	AX102206	29	AX250540	29	CAT2158SM	62	CFPL6*Y	46
AX101871	54	AX102207	29	AX250541	29	CAT216Z34	62	CFPSL2*Y	46
AX101872	54	AX102208	29	AX250542	29	CAT21912SM	62	CFPSL4*Y	46
AX101877	53	AX102280	53	AX-5270SC	78	CAT21AB	62	CFPSL6*Y	46
AX101878	53	AX102281	53	AX-5270ST	78	CAT21AF14	62	CG4	64
AX101879	53	AX102282	53	AX-8220	75	CAT21BC	62	CJ5E88TG*	45
AX101880	53	AX102283	53	B007-008	79	CAT21BC200	62	CJ688TG*	45
AX101881	53	AX102284	53	B020-008	79	CAT21BC200B	62	CJS200	82
AX101882	53	AX102285	53	B020-016	79	CAT21BCB	62	CJS5E88TGY	45
AX101883	53	AX102286	53	B022-016	79	CAT21CD1B	62	CJSV*	45
AX101884	53	AX102287	53	BC	63	CAT21VF14	62	CK-45	69
AX101885	53	AX102288	53	BC12P	63	CAT300CM	65	CK-45E	69
AX101886	53	AX102289	53	BC12PSM	63	CAT300CMLN	65	CLC20	66
AX101887	53	AX102290	53	BC16M	63	CAT32	63	CLC35	66
AX101888	53	AX102293	53	BC16MSM	63	CAT3224SM	62	CM35MSS*	45
AX101935	53	AX102296	53	BC16P	63	CAT324Z34	62	CMBA*Y	45
AX101936	53	AX102310	29	BC16PSM	63	CAT32528	62	CMBA75*Y	45
AX101937	53	AX102311	29	BC20M	63	CAT3258SM	62	CMBPB*	45
AX101938	53	AX102312	29	BC20MSM	63	CAT326Z34	62	CMBPR*	45
AX101939	53	AX102313	29	BC24M	63	CAT32912SM	62	CMD15HD*Y	45
AX101940	53	AX102314	29	BC24MSM	63	CAT32AB	62	CMDAGSCZBL	46
AX101941	53	AX102315	29	BC32M	63	CAT32AF14	62	CMDAQSCBL	46
AX101942	53	AX102334	53	BC32MSM	63	CAT32BC	62	CMDBUSCZ*	46
AX101943	30	AX102335	53	BC812M	63	CAT32BC200	62	CMDBUSCZBU	28
AX101944	30	AX102336	53	BC812MSM	64	CAT32BC200B	62	CMDEISC*	46
AX101981	24	AX102337	53	BC8P	64	CAT32BCB	62	CMDEISCEI	28
AX101982	24	AX102488	53	BC8PSM	64	CAT32CD1B	62	CMDJALCBL	46
AX101983	24	AX102566	54	BCISN375	64	CAT32PLR	63	CMDJLC*	46
AX101984	24	AX102567	54	BLANK-x	48	CAT32VF14	62	CMDJLCEI	27
AX102005	54	AX102568	54	BNCINSERT-x	48	CAT425	63	CMDJLCZ*	46
AX102006	54	AX102569	54	BP19-01	73	CAT42524SM	63	CMDJLCZBU	27
AX102007	54	AX102570	54	BP19-02	73	CAT42558SM	63	CMDSAQLCBL	46

Part # Index

Part #	Page	Part #	Page	Part #	Page	Part #	Page	Part #	Page
CMDSLC*	46	DRK19-44-31K	67	FD-44	68	FPBLANK-x	49	HF19-02-190	72
CMDSLCEI	28	DRK19-44-31PRO	67	FE4019-45-02	71	FPDG12-SS	49	HF19-02-200	72
CMDSLCZ*	46	DRK19-44-36	67	FE4119-45-02	71	FPDG12-x	49	HP	69
CMDSLCZBU	28	DRK19-44-36PRO	67	FE7019-45-02	71	FPDGQUAD-SS	49	HP-24	69
CMF*	45	DRK19-44-42	67	FE7119-45-02	71	FPDGSIX-SS	49	HP500	69
CMFC*	46	DRK19-44-42PRO	67	FE7219-40-02	71	FPDGSIX-x	49	HPS-10	73
CMFCEI	27	DRK23-44-31	67	FE7419-40-02	71	FPDUAL-SS	49	HSK	70
CMFCZBU	27	DSKF-12	52	FE7419-45-02	71	FPDUAL-x	49	HTX	69
CMK-110RCAR	51	DSKF-8	52	FERM18S	30	FPFURN3-x	49	HW100	70
CMK-110RCAW	51	DWR-10-22PD	67	FERM36S	30	FPHSHUT-FW	49	HW500	70
CMK-110RCAY	51	DWR-18-26PD	67	FERM54S	30	FPIDUAL-x	49	I100255	21
CMK-110SVHS	51	DWR-24-22PD	67	FERM72S	30	FPIHDUAL-x	49	I100266	21
CMK-BL	51	DWR-24-26PD	67	FEWM12	30	FPIHQUAD-x	49	I100455	21
CMK-BNC	51	EB1	68	FEWM24	30	FPIHSINGLE-x	49	I100466	21
CMK-F	51	EB2	68	FIB-1000-(XX)M	40	FPIHTRIPLE-x	49	I100655	21
CMK-LC	51	EB3	68	FIB-2000-(XX)M	40	FPIQUAD-x	49	I100666	21
CMK-MTRJ	51	EB4	68	FIB-3000-(XX)M	40	FPSINGLE-x	49	I400855	21
CMK-RCAR	51	ES0119-0123	72	FIB-3500-(XX)M	40	FPISIX-x	49	I400866	21
CMK-RCAW	51	ES0219-0112	73	FIB-4000-(XX)M	40	FPTRIPLE-x	49	I601255	21
CMK-SC	51	ES0219-0115	73	FIB-5000-(XX)M	40	FPMDG-x	49	I601266	21
CMK-ST	51	ES0319-0107	73	FIBERINSERT-x	48	FPMIAD15-x	49	I601855	21
CMMJEI	28	ES0319-0110	73	FIB-LCLC-(XX)M	40	FPMIB-x	49	I601866	21
CMRG*	45	ES0319-0115	73	FIB-LCSC-(XX)M	40	FPMIDB-x	49	I602455	21
CMRPB*	45	ES0319-0210	73	FIB-LCST-(XX)M	40	FPMIFD-x	49	I602466	21
CMRPR*	45	ES0319-0215	73	FIB-MTRJ-(XX)M	40	FPMIFS-x	49	IVT600	81
CMRPW*	45	ES1019-0108	73	FIB-MTRJSC-(XX)M	40	FPMISC-x	49	KJ458-C5E*	51
CMRPY*	45	ES1219-0218	73	FIB-MTRJST-(XX)M	40	FPM-x	49	KJ458-C6C*	51
CMSAQSCBL	46	ESG1	64	FIB-SM-1000-(XX)M	40	FPQUAD-SS	49	KJ458S-C6C*	51
CMSBUSCZBU	28	ESG1M	64	FIB-SM-4000-(XX)M	40	FPQUAD-x	49	KJS458-C5E	51
CMSEISC*	46	EZ19-07-02	72	FIB-SM-5000-(XX)M	40	FPRDG-x	49	KP100	81
CMSEISCEI	28	EZ19-09-02	72	FIB-SM-LCSC-(XX)M	40	FPRMF2-x	49	KPH075C	66
CMST*	46	FADJLCEI-L	27	FIB-SM-LCST-(XX)M	40	FPRMF3-x	49	KPH075R	66
CMSTEI	28	FADJLCEI-L	27	FIB-SM-MTRJ-(XX)M	40	FPRMF4-x	49	KPH100C	66
CMSTZ*	46	FADSCCEI-L	27	FIB-SM-MTRJSC-(XX)M	40	FPR-x	49	KPH100R	66
CMSTZBU	28	FADSCZBU-L	27	FIT-221-1/16	59	FPSSHUT-FW	49	KPH125C	66
CMSVC*Y	45	FADSLCEI-L	27	FIT-221-1/4	59	FPSINGLE-SS	49	KPH125R	66
CP5.30.02	3	FADSLCZBU-L	27	FIT-221-1/8	59	FPSINGLE-x	49	KPH150C	66
CP5.30.03	3	FA-LCD02-B	33	FIT-221-3/16	59	FPSEX-x	49	KPH150R	66
CP5.30.05	3	FA-LCD03-BU	33	FIT-221-3/32	59	FPTRIPLE-SS	49	KPH200C	66
CP5.30.06	3	FA-MTRJ-B	33	FIT-221B-1/16	59	FPTRIPLE-x	49	KPH200R	66
CP5.30.07	3	FAP3DMMSC	30	FIT-221B-1/4	59	FR1907-45-02	72	KPP075TC	65
CP5.30.10	3	FAP3WBUDSCZ	28	FIT-221B-1/8	59	FR1924-45-02	72	KPP100TR48	65
CP6.30.02	3	FAP3WEIDSC	28	FIT-221B-3/16	59	FRME1	26	KPP100TR72	65
CP6.30.03	3	FAP6DMMLC	30	FJEP9FRL-X	23	FRME144SBL	26	KPP125TR72	65
CP6.30.05	3	FAP6DMMSC	30	FJEPGM5CEI	23	FRME2	26	KPPC075	65
CP6.30.06	3	FAP6MMST	30	FJEPGS9CBUY	23	FRME3	26	KPPC100	65
CP6.30.07	3	FAP6MTRJ	30	FJGCCEI	23	FRME4	26	KPPC125	65
CP6.30.10	3	FAP6SMMSC	30	FJJ9FRL-X	23	FRME72SBL	26	KPPC150	65
CPP24WBLY	45	FAP6WST	28	FJJFRL-X	23	FSCBT2AQ-X	22	KPPC200	65
CPPL24WBLY	45	FAP6WSTZ	28	FJJSMM50CEI	23	FSCBT2BU-X	22	KPPY075-200	65
CPPL48WBLY	45	FAP8DMMLC	30	FJJSMM50CWBL	23	FSCBT3BU-X	22	KPR075TC	65
CPPL48WBLY	45	FAP8SMMST	30	FJJSMM50CXRD	23	FSCCLIP-L	22	KPR100TC	65
CPPLA24WBLY	45	FAPB	30	FJJSMM50CYOR	23	FSCDMC5BL	22	KPR100TR	66
CPPLA48WBLY	45	FAPB	28	FJJSMM50CZYL	23	FSCDMC6BL	22	KPR100TR48	66
CPRJ11-45	82	FA-SCD01-B	33	FJJSMM50FRL-X	23	FSCDMCXAQ	22	KPR100TR72	66
CR5.30.02	3	FA-SCD02-B	33	FJJSMM50SCEI	23	FSCMC5BL	22	KPR125TC	65
CR5.30.03	3	FA-SCD03-BU	33	FJJSMM50CWBL	22	FSCMC6BL	22	KPR125TR	66
CR5.30.05	3	FA-SCS01-B	33	FJJSMM50CXRD	22	FSCMCXAQ	22	KPR125TR72	66
CR5.30.06	3	FA-SCS02-B	33	FJJSMM50CYOR	23	FSCMM50BL	23	KPR150TC	66
CR5.30.07	3	FA-SCS03-BU	33	FJJSMM50CZYL	23	FSCMMBL	23	KPR150TR	66
CR5.30.10	3	FASJLCEI-L	27	FJJSMMFRL-X	23	FSCSBU	23	KPR200TC	66
CR6.30.02	3	FASSCEI-L	27	FLCCLIPBL-L	22	FSCSBU	22	KPR200TR	66
CR6.30.03	3	FASSCZBU-L	27	FLCDMC5BLY	22	FST-12A	32	KPRC075	66
CR6.30.05	3	FASSLCZBU-L	27	FLCDMC6BLY	22	FST-24A	32	KPRC100	66
CR6.30.06	3	FA-ST02	33	FLCDMCXAQY	22	FST-2M-B	32	KPRC125	66
CR6.30.07	3	FA-ST03	33	FLCDMEI	23	FSTMABL	23	KPRC150	66
CR6.30.10	3	FC-2/2-(L)M	40	FLCDSBU	23	FSTMARD	23	KPRC200	66
D2	70	FC-4/2-(L)M	40	FLCDSBUY	22	FSTMC5BL	22	KPS075	66
D3	70	FC-4/4-(L)M	40	FLCSMC5BLY	22	FSTMC6BL	22	KPS100	66
D4	70	FC50-2/2-(L)M	40	FLCSMC6BLY	22	FSTMCXAQ	22	KPS125	66
DGFK-12	52	FC50-4/2-(L)M	40	FLCSMCXAQY	22	FSTMM50BL	23	KPS150	66
DGFK-8	52	FC50-4/4-(L)M	40	FLCSMEI	24	FSTMMBL	23	KPS200	66
DKF-12	52	FC50-8/2-(L)M	40	FLCSSBU	24	FSTSCBU	22	KPTA075	65
DKF-8	52	FC50-8/4-(L)M	40	FLCSSBUY	22	FWME2	26	KPTA100	65
DKFLA-8	52	FC50-8/8-(L)M	40	FMCBT2BL-X	22	FWME4	26	KPTA125	65
DNET1	84	FC50-9/2-(L)M	40	FMCBT3AQ-X	22	FWME6	26	KPTA150	65
DP125E88TG	45	FC50-9/4-(L)M	40	FMCBT3BL-X	22	GPCB4-XY	47	KPTA200	65
DP12688TG	45	FC-8/2-(L)M	40	FMD1	28	GPCB5-XY	47	KPV100TC	65
DP245E88TG	45	FC-8/4-(L)M	40	FMD2	28	GPDTM	47	KPV100TR	65
DP24688TG	45	FC-8/8-(L)M	40	FMP6	28	GPKBW144Y	47	KPV125TC	65
DP246X88TG	45	FC-9/2-(L)M	40	FMP6WMTRJ	28	GPKBW24Y	47	KPV125TR	65
DP485E88TG	45	FC-9/4-(L)M	40	FMT1	26	GPKBW432Y	47	KPV150TC	65
DP4868TG	45	FC9S-2/2-(L)M	40	FMT2	26	GPKBW72Y	47	KPV150TR	65
DP486X88TG	45	FC9S-4/2-(L)M	40	FP106DG-x	49	HC19-01-050	72	KPV200TC	65
DPA 48688TG	45	FC9S-4/4-(L)M	40	FP106MF4-x	49	HC19-02-100	72	KPV200TR	65
DPA245E88TG	45	FCS-2/2-(L)M	40	FP106MF-x	49	HC19-02-200	72	KRJA5/5S	51
DPA24688TG	45	FCS-4/2-(L)M	40	FP106-x	49	HCM-1	69	KTRA075	66
DPA246X88TG	45	FCS-4/4-(L)M	40	FP1BLANK-FW	49	HCM-1D	69	KTRA100	66
DPA485E88TG	45	FCS-9/9-(L)M	40	FP45DUAL-x	49	HCM-2D	69	KTRA125	66
DPA486X88TG	45	FCSC	24	FP5BLANK-FW	49	HF19-01-040	72	KTRA150	66
DRK19-44-31	67	FCST	24	FPAINERT-FW	49	HF19-01-050	72	KTRA200	66

Part #	Page	Part #	Page	Part #	Page	Part #	Page	Part #	Page
LACE-44-1P	69	M9A505T	18	M9B601	20	M9C604	20	M9W609	20
LACE-44-1SP	69	M9A509T	18	M9B602	20	M9C606	20	M9W611	20
LACE-44LP	69	M9A510T	18	M9B604	20	M9C609	20	M9W612	20
LB110	81	M9A511T	18	M9B606	20	M9C611	20	M9W614	20
LB64	81	M9A513T	18	M9B609	20	M9C612	20	M9W616	20
LB66	81	M9A520T	18	M9B611	20	M9C614	20	M9W619	20
LBP-1.5	69	M9A601	20	M9B612	20	M9C616	20	M9W620	20
LBP-1A	69	M9A602	20	M9B614	20	M9C619	20	M9W621	20
LBP-1R	69	M9A604	20	M9B616	20	M9C620	20	M9W622	20
LBP-2A	69	M9A606	20	M9B619	20	M9C621	20	M9W623	20
LF	70	M9A609	20	M9B620	20	M9C622	20	M9W810	18
M24	64	M9A611	20	M9B621	20	M9C623	20	M9W811	18
M3001-1UB	76	M9A612	20	M9B622	20	M9C810	18	M9W812	18
M3006-1UB	76	M9A614	20	M9B623	20	M9C811	18	M9W813	18
M3024-1UB	76	M9A616	20	M9B810	18	M9C812	18	M9W814	18
M58	64	M9A619	20	M9B811	18	M9C813	18	M9W815	18
M912	64	M9A620	20	M9B812	18	M9C814	18	M9W816	18
M96780	20	M9A621	20	M9B813	18	M9C815	18	M9W817	18
M96908	20	M9A622	20	M9B814	18	M9C816	18	MB3A0M4	59
M96909	20	M9A623	20	M9B815	18	M9C817	18	MB3A10M4	59
M96915	18	M9A810	18	M9B816	18	M9W001	18	MB4A10C2	59
M96919	18	M9A811	18	M9B817	18	M9W002	18	MB5A10C2	59
M96963	20	M9A812	18	M9B001	18	M9W003	18	MCC-FA1	85
M96992	20	M9A813	18	M9C002	18	M9W004	18	MCC-FCC03M	85
M97041	20	M9A814	18	M9C003	18	M9W005	19	MCC-FPF03M	85
M97112	18	M9A815	18	M9C004	18	M9W006	19	MCC-P25	85
M97174	20	M9A816	18	M9C005	19	M9W007	19	MCC-S12	85
M97219	20	M9A817	18	M9C006	19	M9W008	19	MCC-S16	85
M97411	20	M9B005	19	M9C007	19	M9W009	19	MCC-S25	85
M97412	20	M9B006	19	M9C008	19	M9W010	19	MCC-VM	85
M98086	18	M9B007	19	M9C009	19	M9W011	19	MCC-VS	85
M9A001	18	M9B008	19	M9C010	19	M9W012	19	MCC-WFW	85
M9A002	18	M9B009	19	M9C011	19	M9W013	20	MCC-XMT	85
M9A003	18	M9B010	19	M9C012	19	M9W014	20	MK7	59
M9A004	18	M9B011	19	M9C013	20	M9W015	20	MK9	59
M9A005	19	M9B012	19	M9C014	20	M9W016	20	MM1-QTR-D1	31
M9A006	19	M9B013	20	M9C015	20	M9W017	20	MM1-QTR-D150	31
M9A007	19	M9B014	20	M9C016	20	M9W018	20	MM1-QTR-D150L	31
M9A008	19	M9B015	20	M9C017	20	M9W019	20	MM1-QTR-D1S	31
M9A009	19	M9B016	20	M9C018	20	M9W020	20	MM3-QTR-D3	31
M9A010	19	M9B017	20	M9C019	20	M9W037	20	MM3-QTR-D350	31
M9A011	19	M9B018	20	M9C020	20	M9W038	20	MM3-QTR-D350L	31
M9A012	19	M9B019	20	M9C037	20	M9W039	20	MM3-QTR-D3S	31
M9A013	20	M9B020	20	M9C038	20	M9W040	20	MM3-QTR-QL	31
M9A014	20	M9B037	20	M9C039	20	M9W042	20	MM3-QTR-QL50	31
M9A015	20	M9B038	20	M9C040	20	M9W043	20	MM3-QTR-QL50L	31
M9A016	20	M9B039	20	M9C042	20	M9W044	20	MM3-QTR-QLS	31
M9A017	20	M9B040	20	M9C043	20	M9W045	20	MML-QTR-DL	31
M9A018	20	M9B042	20	M9C044	20	M9W046	20	MML-QTR-DL50	31
M9A019	20	M9B043	20	M9C045	20	M9W048	20	MML-QTR-DL50L	31
M9A020	20	M9B044	20	M9C046	20	M9W082	20	MML-QTR-DLS	31
M9A037	20	M9B045	20	M9C048	20	M9W083	19	MP1P	64
M9A038	20	M9B046	20	M9C082	20	M9W202	19	MP1S	65
M9A039	20	M9B048	20	M9C083	19	M9W204	19	MP2S	65
M9A040	20	M9B082	20	M9C202	19	M9W205	19	MP34P	64
M9A042	20	M9B083	19	M9C204	19	M9W206	19	MPAL2	64
M9A043	20	M9B202	19	M9C205	19	M9W207	19	MPLS	64
M9A044	20	M9B204	19	M9C206	19	M9W209	19	MPLS2	64
M9A045	20	M9B205	19	M9C207	19	M9W211	19	MPVTI	62
M9A046	20	M9B206	19	M9C209	19	M9W215	19	MSP20	64
M9A048	20	M9B207	19	M9C211	19	M9W230	19	MW-10FT-FC	70
M9A082	20	M9B209	19	M9C215	19	M9W231	19	MW-4QFT-FC	70
M9A083	19	M9B211	19	M9C230	19	M9W232	19	MW-ST	68
M9A202	19	M9B215	19	M9C231	19	M9W233	19	MW-VT	68
M9A204	19	M9B230	19	M9C232	19	M9W234	19	N9A507T	18
M9A205	19	M9B231	19	M9C233	19	M9W235	19	NFO-1006	32
M9A206	19	M9B232	19	M9C234	19	M9W236	19	NFO-2000	31
M9A207	19	M9B233	19	M9C235	19	M9W237	19	NFO-2001	31
M9A209	19	M9B234	19	M9C236	19	M9W238	19	NFO-2003	31
M9A211	19	M9B235	19	M9C237	19	M9W240	19	NFO-2004	31
M9A215	19	M9B236	19	M9C238	19	M9W241	19	NFO-2006	31
M9A230	19	M9B237	19	M9C240	19	M9W242	19	NFO-2007	31
M9A231	19	M9B238	19	M9C241	19	M9W243	19	NFO-2009	31
M9A232	19	M9B240	19	M9C242	19	M9W244	19	NFO-2010	31
M9A233	19	M9B241	19	M9C243	19	M9W245	19	NFO-2012	32
M9A234	19	M9B242	19	M9C244	19	M9W246	19	NFO-2013	32
M9A235	19	M9B243	19	M9C245	19	M9W247	19	NFO-2014	32
M9A236	19	M9B244	19	M9C246	19	M9W248	19	NFO-2015	32
M9A237	19	M9B245	19	M9C247	19	M9W500T	18	NFO-2016	32
M9A238	19	M9B246	19	M9C248	19	M9W502T	18	NFO-2017	32
M9A240	19	M9B247	19	M9C500T	18	M9W505T	18	NFO-2018	32
M9A241	19	M9B248	19	M9C502T	18	M9W507T	18	NFO-3000	24
M9A242	19	M9B500T	18	M9C505T	18	M9W509T	18	NFO-3001	24
M9A243	19	M9B502T	18	M9C507T	18	M9W510T	18	NFO-3002	24
M9A244	19	M9B505T	18	M9C509T	18	M9W511T	18	NFO-3003	24
M9A245	19	M9B507T	18	M9C510T	18	M9W513T	18	NFO-3004	24
M9A246	19	M9B509T	18	M9C511T	18	M9W520T	18	NFO-3005	24
M9A247	19	M9B510T	18	M9C513T	18	M9W601	20	NFO-3006	32
M9A248	19	M9B511T	18	M9C520T	18	M9W602	20	NFO-3007	32
M9A500T	18	M9B513T	18	M9C601	20	M9W604	20	NFO-3008	32
M9A502T	18	M9B520T	18	M9C602	20	M9W606	20	NFO-3021	32

Part # Index

Part #	Page	Part #	Page	Part #	Page	Part #	Page	Part #	Page
NFO-3022	32	PPM-6-12	68	SLD15L10	62	T30R9M4	59	WBK-50PRL4	52
NFO-3023	32	PPM-8-12	68	SLD15L10S	62	T30XL9M4	59	WBK6-288PRL4	52
NFO-3024	32	PS1-QTR	31	SLD15L10T	62	T40I9M4	59	WBK6-48PR4	52
NFO-3025	32	PS2408	84	SLD15L1T	62	T47HS-P06	25	WBK6-48PRL4	52
NFO-4002	32	PS2-QTR	31	SLD15L2	62	T47SL-F06	25	WBK6-96PR4	52
NFO-4003	32	PS3612	84	SLD15L2S	62	T47SL-F12	25	WBK6-96PRL4	52
NFO-4004	32	PS4816	84	SLD15L2T	62	T4LAT-F06	25	WB-SE-02	73
NFO-5000	32	PS59/6/RGB	82	SLD15L3	62	T4LAT-F12	25	WFE2-B	32
NFO-5002	32	PS7224	84	SLD15L3T	62	T4LHS-F12	25	WFE4-B	32
NFO-5003	32	PSA59/6	82	SLD15L5	62	T4LHS-P12	25	WM2019-11-02	71
NFO-5006	32	REL50R9L4	59	SLD15L5S	62	T50I9M4	59	WM3019-11-02	72
NFO-5007	32	RJ11FC3-x	48	SLD15L5T	62	T50L9C2	59	WM3019-14-02	72
NFO-5011	32	RJ45FC3-x	48	SLD15Y500	62	T50L9M4	59	WMX3	64
NFO-5012	32	RJ45FC5E-x	48	SLD15Y800	62	T50R9C2	59	WMX6	64
NFO-5013	32	RJ45FC6-x	48	SLD2L1	62	T50R9M4	59	WP150	80
NFO-5014	32	RJ45SC3C5E-FW	48	SLD2L10	62	TAG110	50	WR1928-16-02	72
NFO-5015	32	RJ45SC3C6-FW	48	SLD2L2	62	TBIT	69	WR1935-20-02	72
NFO-5016	32	RJ45SC5E-FW	48	SLD2L3	62	TEL-6000	84	WS0-QTR	31
NFO-5024	32	RJ45SC6-FW	48	SLD2L5	62	TEL-6001	84	WS1-QTR	31
NFO-5124	32	RL10-45	67	SLD3L1	62	TEL-6020	84	WS2-QTR	31
NFO-5216	32	RLA19-1245	67	SLD3L10	62	TEL-6030	84	WS3-QTR	31
NFO-5224	32	RLA19-1245B	67	SLD3L2	62	TEL-6050	84	XS-100-1/2	60
NFO-6108	32	RLA-CC	69	SLD3L3	62	TG100	81	XS-100-1/4	60
NFO-6116	32	RM-KB-LCD15	68	SLD3L5	62	TM3S10-M	61	XS-100-1-1/4	60
NFO-6308	32	RM-KB-LCD17	68	SLWC	62	TM3S8-M	61	XS-100-3/4	60
NT700	80	RNBLANK	48	SMBDUAL-x	50	TP300	80		
NT750	80	RNC6CMPxxx	48	SMBQUAD-x	50	TP350	80		
NT950	80	RNC6CMRxxx	48	SMB5IX-x	50	TP500	80		
NVO-4010	24	RNC6JCMRxxx	48	SMKL-1	52	TP600	80		
NVO-4020	24	RNC6JCMRxxx	48	SMKL-2	52	TT100	81		
NVO-4110	24	RNC6OCMPxxx	48	SMKL-3	52	TT250	81		
NVO-4120	24	RNC6OCMRxxx	48	SMKL-4	52	U1	68		
NVO-4230	24	RNC6PCMPxxx	48	SMKL-6	52	U2	68		
NVO-4310	24	RNC6PCMRxxx	48	SMMB-1	52	U3	68		
NVO-4430	24	RNF(AAA)(XXX)LC	30	SMMB-2	52	U317	68		
NVO-4500	24	RNF(AAA)(XXX)SC	30	SMMB-3	52	UFE12-B	32		
NVO-5200	24	RNF50P(XXX)	30	SPBIT	70	UFE4-B	32		
NVO-6000	24	RNF50P10G(XXX)	30	SPC 150	59	UFE6-B	32		
P108-12-MOD	48	RNF62P(XXX)	30	SPCM 130	60	UFE-B-06LC	33		
P108-16-MOD	48	RNF50P10G(XXX)	30	SPCM 150	60	UFE-B-06LC-B	33		
P108-24-MOD	48	RNF50P10G(XXX)	30	SPN-44-312	68	UFE-B-06LC-C	33		
P108-24-MOD1U	48	RNF50P10G(XXX)	30	SPN-44-36	68	UFE-B-06MTRJ	33		
P108-32-MOD	48	RNF50P10G(XXX)	30	SR1935-20-02	72	UFE-B-06MTRJ-B	33		
P108-48-MOD	48	RNF50P10G(XXX)	30	SR1943-25-02	72	UFE-B-06SC	33		
P110CB3-XY	47	RNPP1U	48	SSB	66	UFE-B-06SC-B	33		
P110CB4-XY	47	RNPP1URS	48	SSKF-1	52	UFE-B-06SC-C	33		
P110CB5-XY	47	RNPP2U	48	SSKF-2	52	UFE-B-06ST	33		
P110JTW-X	47	RNPP2URS	48	SSKF-3	52	UFE-B-06ST-B	33		
P110KB1004Y	47	RNRC6CMRxxx	48	SSKF-4	52	UFE-B-06ST-C	33		
P110KB3004Y	47	RNRCM	48	SSKF-6	52	UFE-B-08LC	33		
PD-2415SC-NS	70	RS-1215	84	ST-221-1/4	60	UFE-B-08LC-B	33		
PD-815SC-NS	70	RS-1215-20	84	ST-221-1/8	60	UFE-B-08LC-C	33		
PD-915R	70	RS-1215-20T	84	ST-221-3/16	60	UFE-B-08MTRJ	33		
PD-920R-NS	70	RS1-QTR	31	ST-221-3/4	60	UFE-B-08MTRJ-B	33		
PDT-1015C-NS	70	RS2-QTR	31	ST-221-3/8	60	UFE-B-08SC	33		
PDT-1020C-NS	70	RS4-QTR	31	SWB-9000	79	UFE-B-08SC-B	33		
PDT-2015C-NS	70	RSH4A	67	T100ID	50	UFE-B-08SC-C	33		
PDT-2020C-NS	70	RSH4A-LCD	67	T100RM100-5	50	UFE-B-08ST	33		
PFD-44	68	RSH4C	67	T100RM300-4	50	UFE-B-08ST-B	33		
PLT1.5I-M	60	RSH4C-LCD	67	T1103	50	UFE-B-08ST-C	33		
PLT1.5M-M	60	RSH4S	67	T1104	50	UFE-B-12SC	33		
PLT1.5M-M0	60	RSH4S-LCD	67	T11046	50	UFE-B-12SC-B	33		
PLT1M-M	60	RWBK-100PR4	52	T1105	50	UFE-B-12SC-C	33		
PLT1M-M0	60	RWBK-200PR4	52	T110CT	50	UFE-B-12ST	33		
PLT2H-L	60	S3575BP100	63	T110CTL	50	UFE-B-12ST-B	33		
PLT2H-L0	60	S3575DP100	63	T110KIT1004	50	UFE-B-12ST-C	33		
PLT2S-M	60	SAS3210	82	T110KIT1005	50	UICFP2*	46		
PLT2S-M0	60	SB35	66	T110KIT2884	50	UICFP2*	46		
PLT2S-M20	60	SE0920-21-02	73	T110KIT3004	50	UICFP4*	46		
PLT4H-L	60	SEP075	66	T110KIT3005	50	VC-06-050	72		
PLT4H-L0	60	SEP100	66	T110KIT964	50	VC-07-050	72		
PLT4S-M	60	SEP125	66	T110RM100-4	50	VDS	68		
PLT4S-M0	60	SEP150	66	T110RM192-4	50	VF-07-100	72		
PP110C5E12	48	SEP200	66	T110RM288-4	50	VF-07-140	72		
PP110C5E12V	48	SFACE	67	T110RM300-5	50	VFD-44	68		
PP110C5E24	48	SFR-12-18	67	T110RM96-4CT	50	VT1	68		
PP110C5E48	48	SFR-20-18	67	T110RMCT	50	VT2	68		
PP110C5E96	48	SKF-1	52	T110WB100	50	VT3	68		
PP110C5EA1	48	SKF-2	52	T110WB48	50	VTF1	68		
PP110C5EA24	48	SKF-3	52	T110WB50	50	VTF2	68		
PP110C5EA48	48	SKF-4	52	T110WB96	50	VTF3	68		
PP110C612	48	SKF-6	52	T110WBL100	50	WB19-0206H	72		
PP110C612V	48	SKFL-1	52	T110WBL288	50	WB19-0412H	72		
PP110C624	48	SKFL-2	52	T110WBL300	50	WB19-0606H	72		
PP110C648	48	SKFL-3	52	T110WBL48	50	WB19-0612H	72		
PP110C6G1	48	SKFL-4	52	T110WBL50	50	WB6-288PR4	52		
PP110C6G24	48	SKFL-6	52	T110WBL96	50	WBK-100PR4	52		
PP110C6G48	48	SKFLA-2	52	T120R9H4	59	WBK-100PRL4	52		
PPM-2	68	SKFLA-4	52	T120R9K2	59	WBK-300PR4	52		
PPM-4	68	SL2M-B	32	T18R9M4	59	WBK-300PRL4	52		
PPM-6	68	SLD15L1	62	T30R9C2	59	WBK-50PR4	52		