

Section 27: RF Connectors

Sub-Section	Page
BNC Connectors692
BNC Adapters & Terminators696
TNC Connectors & Adapters699
F Connectors700
F Adapters & Terminators703
N Connectors704
N Adapters705
UHF Connectors706
UHF Adapters707
SMA/SMB/SMC Connectors & Adapters708
Connector Kits & Tools709
Misc. Connectors711

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RF Connectors

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RF Connectors - BNC Connectors

Amphenol RF®

BNC 50 Ohm Straight Crimp Plug

Cable connector type. Pin contact. Nickel body plating. Gold contact plating.



Part #	Description	Cable Types	Termination	Insulator Material
31-320	M23329/3-01/3-03 BNC 50 ohm crimp plug	RG 58, 141	Crimp/Crimp	TFE
31-320-RFX	BNC 50 ohm crimp plug	RG 58, 141	Crimp/Crimp	TFE
31-321-RFX	BNC 50 ohm crimp plug	RG 59, 62, 140, 210, Belden 8241, 8263, 8279, 9209	Crimp/Crimp	Delrin
31-5558-RFX	BNC 50 ohm type crimp plug	RG 6	Crimp/Press Fit	Delrin
31-315-RFX	BNC 50 Ohm RG174, 188, 316 crimp plug	RG 174, 188A, 316, Belden 7805A	Crimp/Crimp	Delrin

BNC 50 & 75 Ohm Crimp/Crimp Straight Plug

Cable connector type. Pin contact.



Part #	Description	Impedance	Cable Types	Insulator Material
68175-5RFX	BNC RG59 crimp plug	50 Ohm	RG 59, 20 AWG	Delrin
31-71033	BNC Belden 8218 crimp plug	75 Ohm	Belden 8218	TFE
31-71008-1RFX	BNC crimp plug	75 Ohm	RG 59, 20 AWG	Delrin
31-71000-RFX	BNC RG6 type crimp plug	75 Ohm	RG 6, .295" Outer Diameter, Belden 1694A, 9248	Delrin
31-71008-RFX	BNC crimp plug	75 Ohm	RG 59, 62, Belden 8241, 8263, 8279, 9209	TFE

BNC 50 Ohm Crimp/Solder Straight Plug

Cable connector type. Pin contact.



Part #	Cable Type
31-5900	RG 59, Plenum 59, 20 AWG, Belden 82108
31-5800	RG 58, 58A, 58C, 141, Belden 89907

SureTwist® Plugs



Part #	Cable Group	Plating Body/Contact	Impedance	Grade
31-5137	RG-58, 58A, 58C, 141, 303, LMR195, Belden 7806A, 9907	Nickel/Tin	50 ohms	Industrial

Amphenol RF®

SureTwist® Plugs (cont.)

Part #	Cable Group	Plating Body/Contact	Grade
31-5136	NRG-59, 62, 140, 210, Belden 8241, 8263, 8279, 9209	Nickel/Matte Tin	Industrial
31-5136-RFX	RG-59, 62, 140, 210, Belden 8241, 8263, 8279, 9209	Nickel/Gold	Commercial
31-5137-RFX	RG-58, 58A, 58C, 141, 303, LMR195, Belden 7806A, 9907	Nickel/Gold	Commercial



F-Conn Audio/Visual BNC Connectors

Designed for custom installations when appearance matters. Connectors come in nickel and gold for a professional finished look.



Part #	Cable Size	Description
FSBNC1RGB	26AWG	BNC Mini Coax Nickel Multi-Piece
FS1BNC	26AWG	BNC Mini Coax Nickel One-Piece
RGBNC1RGB	26AWG	BNC Mini Coax Gold Multi-Piece
RG1BNC	26AWG	BNC Gold One-Piece
FSBNC15RGB	22-24AWG	BNC Mini Coax Nickel Multi-Piece
FS15BNC	22-24AWG	BNC Mini Coax Nickel One-Piece
RGBNC15RGB	22-24AWG	BNC Mini Coax Gold Multi-Piece
RG15BNC	22-24AWG	BNC Mini Coax Gold One-Piece
FS6BNCU	RG6/Quad	Universal BNC Nickel
RG6BNCU	RG6/Quad	Universal BNC Gold
FS59BNCU	RG59/59 Quad	Universal BNC Nickel
RG59BNCU	RG59 & RG59 Quad	Universal BNC Gold
FS59BNCPL	Plenum RG59	BNC Nickel
FS59BNC SL	Security RG59	BNC Nickel
FS6BNCUS	RG6/6 Quad	Universal BNC Splice Nickel
RG6BNCUS	RG6/6 Quad	Universal BNC Splice Gold
FS59BNCUS	RG59/59 Quad	Universal BNC Splice Nickel
RG59BNCUS	RG59/59 Quad	Universal BNC Splice Gold
FS11BNC	RG11	BNC Nickel
FS1BNCSSST	26 AWG	BNC Mini Coax Nickel Splice
RG1BNCSSST	26 AWG	BNC Mini Coax Gold Splice
FSFS15BNCSSST	22-24 AWG	BNC Mini Coax Nickel Splice
RG15BNCSSST	22-24 AWG	BNC Mini Coax Gold Splice



Compression BNC Connectors

One connector for all cable types within a given RG series. Color-coded for easy identification. Handles 60% through quad shielding. Approved for indoor/outdoor use. Professional level 3Ghz rated.



Part #	Cable Type	QTY
89-057	RG-6	15
89-5057	RG-6	50
89-058	RG-59	15
89-5058	RG-59	50

RF Connectors - BNC Connectors



BNC Crimp & Twist-On Plug Connectors

Body material is nickel plated brass. Contacts are gold plated brass or phosphor bronze. Dielectric is delrin. Nominal impedance is 50 ohms. Frequency range is 0-4 GHz. Voltage rating is 500VAC. Withstanding voltage is 1500V RMS. Insulation resistance is 5000Mohm min. Bulk.



Crimp Plug

Part #	Cable Type
21-346-0	RG6/u
21-348-0	RG58/u
21-349-0	RG59/u

Twist-On Plug

Part #	Cable Type
21-353-0	RG58/u
21-354-0	RG59/u



75 OHM Series



Part #	Description
BNC-3074-75	RG-59/U, Plenum
BNC-3121-75	RG-59/U,62/U jack
BNC-3127-75	For Belden 8218 jack
BNC-3194-75	Recep. solder type, chas. mnt. UG-1094D/U
BNC-3314-75	UG-914/U,F-F,Female inline splice
BNC-7029-179-75	RG-179/U,Dual crimp type

Jacks

Part #	Description
BNC-3121	For RG59/U, 62/U
BNC-3121-75	For RG59/U, 75 ohm
BNC-3122	For RG58/U cable
BNC-3122A	For RG58, A/U
BNC-3127	For Belden-8218
BNC-3127-75	For Belden-8218, 75 ohm
RCA-6001	RCA-plug, molding type, machine pin
RCA-6192	Jack-jack, bulkhead feed-thru

3 Piece BNC Jacks

Part #	Description
BNC-3129-179-75	RG179U, Ohms
BNC-3123-75	RG-6, 75 Ohms

Bulkhead Jacks

All machined, brass with gold plated pin. Except BNC-3894 die casted.



Part #	Description
BNC-3194-75	75 ohm
BNC-3194T	UG-1094/U,Teflon Insulator
BNC-3195	UG-1094A/U, Delrin Insulator



Bulkhead Jacks (cont.)

Part #	Description
BNC-3196	UG-1094B/U, Delrin Insulator
BNC-3894	Die cast body, UG-1034/U, Delrin Insulator
BNC-7194	UG-1094/U,Delrin Insulator
BNC-7194T	UG-1094/U,Teflon Insulator

Bulkhead Receptacle Isolated Jack

BNC Female, compatible with Amphenol 31-10. Rear mount, 3/8" dia.



Part # BNC-3199

Standard Clamp W/Solder Pins

All pre-packed individual poly bag. All machined type connectors. Gold plated contact pins.



Part #	Description
BNC-3011	For RG-59/U, 62/U
BNC-3011-75	For RG-59/U, 62/U, 75 ohm
BNC-3012	For RG-58/U

Wedge Compression

All pre-packed individual poly bag. All machined type connectors. Gold plated contact pins.



Part #	Description
BNC-3051	For RG-59/U, 62/U
BNC-3052	For RG-58/U plug

BNC Reverse Polarity

Dual Crimp Jack (with male pin).



Part #	Cable Type
RPB-3912	For RG-58/U
RPB-3916	For RG-316/U

Dual Crimp Plug (with female pin).

Part #	Description
RPB-3902	For RG-58/U
RPB-3906	For RG-316/U
RPB-3908	RG-213/U

Snap-Fit Connectors

Compression type. Weather/moisture sealed after assembly. Gold plated contact.



Part #	Description
BNC-7073SN	For RG-6
BNC-7071SN	For RG-59
BNC-7074SN	For RG-59 Quad Shield
BNC-7079SN	For RG-6 Quad Shield



RF Connectors - BNC Connectors



Twist on BNC Connectors - Plugs (Male)

All pre-packed in individual poly bag. All machined type connectors. Gold plated contact pins. For cables with solid center conductor only.



Part #	Description
BNC-3031	For RG59/U, 62/U
BNC-3032	For RG58/U
BNC-3033	For RG6/U
BNC-3034	For Plenum RG59/U,62/U
BNC-3035	For Plenum RG58/U
BNC-3036	For Belden 8281
BNC-7031	For RG59/U, 62/U
BNC-7032	For RG58/U

Twist on BNC Connectors - Jacks (Female)

All machined type connectors. Gold plated contact pins. For cables with solid center conductor only.



Part #	Description
BNC-3131	For RG59/U, 62/U
BNC-3132	For RG58/U
BNC-3133	For RG6/U
BNC-3134	For Plenum RG59/U, 62/U
BNC-3135	For Plenum RG58/U
BNC-7136	For Belden 8281

Bulkhead Dual Crimp Jack

Front mount. Captive gold plated center contact.



Part #	Description
BNC-3104	RG59/U,62/U PVC
BNC-3105	RG58/U PVC

Dual Ferrule Packs

All pre-packed two piece sets, in individual poly bags. Contains both PVC and Plenum size ferrules. Gold plated captive contact pins. Die cast cap type.

Part #	Description
BNC-38214	For RG-59/U, 62/U
BNC-38214-1.1	For RG-59/U, 62/U, 1.10mm pin
BNC-38225A	For RG-58A/U, C/U
BNC-38239	For RG-6

2 Piece Crimp BNC Connectors - Jacks (Female)

All pre-packed two piece sets in individual poly bag. All machined type connectors. Gold plated contact pins. For cables with solid center conductor only.



Part #	Description
BNC-7171	RG-59/U, 62/U
BNC-7172	RG58/U
BNC-7172A	RG58A/U
BNC-7173	RG6/U
BNC-7174	RG59/U, 62/U Plenum
BNC-7176	RG6/U Plenum



2 Piece Crimp BNC Connectors - Plugs (Male)

All pre-packed two piece sets in individual poly bag. All machined type connectors. Gold plated contact pins. For cables with solid center conductor only.



Part #	Description
BNC-3071	RG-59/U,62/U
BNC-3072	RG-58/U
BNC-3074	RG-59/U Plenum
BNC-3075	RG-59/U Plenum
BNC-7071	RG-58/U,62/U
BNC-7072	RG-58/U
BNC-7072A	RG58A/U
BNC-7073T	RG-6/U Plenum
BNC-7074	RG-59/U Plenum
BNC-7075	RG58/U Plenum
BNC-7076	For Belden 8281

3 Piece Dual Crimp

Body Only - 50 pieces per bag



Part #	Description
BNC-BDP-RG58	For RG58/U cable
BNC-BDP-RG59	For RG59/U, 62/U
BNC-BDP-RG5975	For RG59/U, 75 ohm
BNC-BDP-RG59-DC	Die cast

Dual Crimp Right Angle Plug

Part #	Description
BNC-3049-735A-75	For 735A cable
BNC-3041	Right Angle Plug, For RG59/U, 62/U cable
BNC-3041-75	Right Angle Plug, For RG59/U, 62/U cable

All pre-packed three piece sets, in individual bags, including 1 body, 1 ferrule, and 1 pin. All machined type brass with nickel over plate connectors except BNC38xx - 78xx series (with die cast caps). Gold plated captive contact pins. Can be crimped or soldered.

Part #	RG Type Cable	Remark
BNC-3021	RG59/U, 62A/U	0.76mm Pin Bore
BNC-3021-1.1	RG59/U,62A/U	1.1mm Pin Bore
BNC-3021-75	RG59/U	75 ohm
BNC-3021-7511	RG59/U	75 ohm, 1.1mm Pin Bore
BNC-3022	RG58/U	-
BNC-3022-C	RG58C/U	1.1mm Pin Bore
BNC-3022TH	RG58 Thin Net	-
BNC-3023-75	RG6/U	75 ohm
BNC-3024	RG59/U Plenum	-
BNC-3024-1.1	RG59/U Plenum	1.1mm Pin Bore
BNC-3024-75	RG59/U Plenum	75 ohm
BNC-3025	RG58/U Plenum	-
BNC-3025-C	RG58C/U Plenum	-
BNC-3026-75	Belden 8281	75 ohm
BNC-3027-75	Belden 8218	75 ohm
BNC-3028	RG-174/U, 316/U	-
BNC-3029-11	RG11	75 ohm
BNC-3029-179-75	RG-179/U	75 ohm, for 30 AWG
BNC-3029-735A-75	For 735A	75 ohm, for 26 AWG
BNC-3029-8X	Mini 8X Cable	-
BNC-3821	RG59/U, 62A/U	Die cast cap

RF Connectors - BNC Connectors



3 Piece Dual Crimp (cont.)

Part #	RG Type Cable	Remark
BNC-3822	RG58/U	Die cast cap
BNC-3822-C	RG58C/U	Die cast cap
BNC-3823	For RG6/U	Die cast cap
BNC-3824	RG59/U Plenum	Die cast cap
BNC-3825	RG58/U Plenum	Die cast cap
BNC-7021	RG59/U,62A/U	-
BNC-7022-A	RG58C/U, 58A/U	-
BNC-7028	RG-174/U, 316/U	-
BNC-7821	RG59/U,62A/U	Die cast cap
BNC-7822-A	RG58A/U	Die cast cap



BNC Male

Two piece with fixed center pin. Nickel plated body, Delrin insulator, gold plated center pin.



Part #	Wire Type
920	RG59 & 62 Teflon
929	RG6/U
979	RG58/U
980	RG59 and 62 PVC

Three piece with separate pin. Nickel plated body, Delrin insulator, gold plated pins.



Part #	Wire Type
927	RG174, 179, 187, 188 and 316
973	RG62 and RG59/U PVC
974	RG58/U PVC
989	RG6/U (.275" O.D.)
998	RG59 Teflon
997	RG58 Teflon

BNC Twist-On Connectors



Part #	Description
982	RG62/U, RG59/U
983	RG6
991	RG58



BNC Female PCB Mount

Impedance is 50 ohm except 6718 (75 ohm), -85°F to +329°F (+165°C to -65°C). BNC: Body is tarnish resistant nickel plated brass. Contact gold plated beryllium copper.



Part #	Type	Material
4578	Vertical BNC	N/A
4788	R/A BNC	Brass
6717	Dual R/A BNC	White Valox
6718	Dual R/A BNC	White Valox



BNC Bulkhead Receptacles - 50ohm

BNC: Body is tarnish resistant nickel plated brass. Center contact is male, gold plated brass and female, gold plated beryllium copper. Dielectric is PTFE. 0.10in (2.54mm) max panel thickness.



Part # 4160

Isolated Ground BNC Female Bulkhead Receptacles

BNC: Body is tarnish resistant nickel plated brass. Center contact is male, gold plated brass and female, gold plated beryllium copper. Mounting hardware is isolated from other conductor of BNC.



Part #	Special Features	Max. Panel Thickness
3778	50ohm Teflon insulation	0.175in (4.45mm)
5148	50ohm Valox insulation	0.18in (4.57mm)



75 Ohm BNC Connectors

These 3- and 2-piece crimp and twist-on connectors are designed to meet the interconnect demands of impedance matching. These connectors fit most popular cable sizes and are designed for optimum performance from DC to 1 Ghz bandwidth.



Part #	Description
CBB-3210	3-piece crimp for RG59/62 PVC
CBB-3211	3-piece crimp for RG59 plenum
CBB-3214	3-piece crimp for RG6 PVC
CBB-3219	3-piece crimp for Belden 8218
CBB-3220	3-piece crimp for Belden 8281
CBB-2210	2-piece crimp for RG59/62 PVC
CBB-2211	2-piece crimp for RG59 plenum
CBB-2214	2-piece crimp for RG6 PVC
CBB-2219	2-piece crimp for Belden 8218
CBB-2220	2-piece crimp for Belden 8281
CBB-1210	Twist-on for RG59 PVC
CBB-1211	Twist-on for RG59 TFE
CBB-1214	Twist-on for RG6 PVC
CBB-1219	Twist-on for Belden 8218
CBB-1220	Twist-on for Belden 8281

BNC Specialty Connectors

There are many installation instances where specific types of connectors may be required. Included is the BNC male quick connector which requires no crimping or soldering. Also offered are BNC male and female solderless connectors with strain relief boots



Part #	Description
CBQ-7010	Male quick connector for RG59
CBQ-7011	Male quick connector for RG58
CBQ-8000	Male solderless universal cable fit
CBQ-8001	Female solderless universal cable fit
CBN-4030	Chassis mount BNC female solder type with lug
CBN-4031	Isolated chassis mount BNC female solder type
CBN-4032	Bulkhead mount double female - 1/2" mounting diameter
CBN-4034	BNC PC vertical mounting diameter female



RF Connectors - BNC Connectors



50 OHM BNC 3-Piece Connectors

3-Piece crimp design, which offers maximum results for both electrical and mechanical characteristics (best electrical contact and pull strength). These feature 50-ohm impedance specification, which is suitable for most applications except where 75 ohm impedance matching is critical.



Part #	Description
CBN-3110	BNC Male for RG59/62 PVC
CBN-3111	BNC Male for RG59/62 Plenum
CBN-3105	BNC Male for RG59 CATV with 22 AWG Center
CBN-3112	BNC Male for RG58 PVC
CBN-3113	BNC Male for RG58 Plenum
CBN-3114	BNC Male for RG6 PVC
CBN-3116	BNC Male for RG174/179
CBN-3118	BNC Male for RG11 PVC
CBN-3120	BNC Male for Belden 8281
CBN-3121	BNC Male for RG58 Thinnet Plenum
CBN-3210	BNC Female for RG59 PVC
CBN-3212	BNC Female for RG58 PVC
CBN-3214	BNC Female for RG6 PVC



50 Ohm BNC Twist-On and 2-Piece Connectors (cont.)

crimping of the center contact is eliminated. The twist-on design can be terminated without the need of crimping tools and can be re-used simply by un-twisting the connector and re-twisting on the next termination.

Part #	Description
CBN-1110	Twist-On BNC Male for RG59/62 PVC
CBN-1111	Twist-On BNC Male for RG59/62 Plenum
CBN-1112	Twist-On Male for RG58 PVC
CBN-1115	Twist-On BNC Male for RG58 Thinnet
CBN-1116	Twist-On Male for RG58 Plenum
CBN-1114	Twist-On Male for RG6 PVC
CBN-1117	Twist-On Male for Belden 8281
CBN-2110	2-Piece BNC Male Crimp for RG59/62 PVC
CBN-2111	2-Piece BNC Male Crimp for RG59/62 Plenum
CBN-2112	2-Piece BNC Male Crimp for RG58 PVC
CBN-2114	2-Piece BNC Male Crimp for RG6 PVC
CBN-2115	2-Piece BNC Male Crimp for RG6 Plenum
CBN-2120	2-Piece BNC Male Crimp for Belden 8281
CBN-2122	2-Piece BNC Male Crimp for RG174

50 Ohm BNC Twist-On and 2-Piece Connectors

The 2-piece crimp and solderless twist-on designs offer the installer an easier choice for terminating onto coaxial cables. The 2-piece design features a captivated center contact design so that



P.C.B. Mount, 90° and 180° Low and High Profile

Part #	Description
BNC-3878	180° low profile
BNC-3879H	Right angle high profile
BNC-3879L	Right angle low profile

RF Connectors - BNC Adapters & Terminators

Amphenol RF®

BNC 50 Ohm "T" Bulkhead Adapter - J/J Non-sealed

Adapter type is in-series. Socket/socket/socket gender. Body plating is nickel and contact plating is gold.



Part # 31-220N-RFX



Video and RF Adapt



Part #	Description
21-136-0	BNC Jack - F Plug
21-131-0	BNC Jack - RCA Plug



BNC Connectors

Body material is nickel plated brass. Contacts are gold plated brass or phosphor bronze. Dielectric is delrin. Nominal impedance is 50 ohms. Frequency range is 0-4 GHz. Voltage rating is 500VAC. Withstanding voltage is 1500V RMS. Insulation resistance is 5000Mohm min.



Part #	Description
21-365-0	"T" Connector
21-368-0	Female Joiner
21-369-0	Right Angle Elbow
21-364-0	Triple Jack
21-351-0	BNC Terminators, 50 ohms
21-352-0	BNC Terminators, 75 ohms
21-367-0	Panel Mount Jack
21-338-0	Chassis Jack



BNC Adapters (RFA Series)



Part #	Description
RFA-8322	BNC (F) - Mini UHF Male
RFA-8342	BNC (F) - TNC Male
RFA-8361	BNC (F) - N Female
RFA-8362	BNC (F) - N Male

RF Connectors - BNC Adapters & Terminators



BNC Adapters (RFA Series) (cont.)



Part #	Description
RFA-8371	BNC (F) - F Female
RFA-8372	BNC (F) - F Male
RFA-8381	BNC (F) - SMA Female
RFA-8343	BNC (M) to TNC (F)
RFA-8363	BNC (M) - N Female
RFA-8373	BNC (M) - F Female
RFA-8374	BNC (M) - F Male
RFA-8383	BNC (M) - SMA Female
RFA-8384	BNC (M) - SMA Male
RFA-8392	BNC (F) - RCA Male
RFA-8393	BNC (M) RCA Female

BNC Adapters



Part #	Description
BNC-7367	Jack-plug-jack "Y" adapter 90°
BNC-7368	Plug-jack-jack "F adapter"
BNC-7374	Jack-plug-jack UG-274B/U, F-M-F
BNC-7376	Plug-plug-plug adapter, M-M-M

BNC M-F Right Angle UG-306A/U, M-F



Part # BNC-3306

Jack-Jack UG-914/U, F-F



Part #	Description
BNC-3314	Jack-Jack UG-914/U, F-F
BNC-7314	BNC Female to BNC Female

Jack-Plug-Jack UG-274B/U, F-M-F



Part #	Description
BNC-3374	Jack-Plug-Jack UG-274B/U F-M-F
BNC-3874	Jack-Plug-Jack UG-274B/U F-M-F
BNC-7374	Jack-Plug-Jack UG-274B/U F-M-F

Jack-Jack-Jack Adapter F-F-F



Part # BNC-3375

Jack-Plug-Jack "Y" Adapter, 180°



Part # BNC-7366

Plug-Plug UG-491/U, M-M

Part # BNC-3391



BNC Adapters Bulkhead Feed Thru (UG-492D/U) (cont.)



Part #	Description
BNC-3191	Bulkhead feed through isolated (UG-492D/U)
BNC-3192	Bulkhead feed through (UG-492D/U)
BNC-7192	Bulkhead feed through (UG-492D/U)

Terminating Plugs



Part #	Type
BNC-3061	50ohm
BNC-3061-1	50ohm, 1%
BNC-3061-2	50ohm, 1%, with chain
BNC-3062	75ohm
BNC-3062-1	75ohm, 1%
BNC-3062-2	75ohm, 1%, with chain

Terminating Plugs (cont.)

Part #	Type
BNC-3063	93ohm
BNC-3063-1	93ohm, 1%
BNC-3063-2	93ohm, 1%, with chain
BNC-7861	50ohm, 1%, die casted
BNC-7862	75ohm, 1%, die casted
BNC-7863	93ohm, 1%, die casted
BNC-7865	Terminator jack, 75ohm, 1% and 1/2W

Dust Caps



Part #	Description
BNC-DSTCP-P	Dust caps for jacks
BNC-DSTCP-S	Dust caps for plugs

Terminator Connectors - Jacks

All jacks are 1%, die casted body.



Part #	Description
BNC-7864	50 ohm
BNC-7865	75 ohm
BNC-7866	93 ohm

75 OHM Series

Part #	Description
BNC-3192-75	UG-492D/U, chassis mount
BNC-3193-75	Isolated UG-492D/U, chassis mount
BNC-3306-75	M-F right angle adapter
BNC-3374-75	"T" adapter, J-P-J, UG-274D/U

RF Connectors - BNC Adapters & Terminators



BNC "T" Adapter



Part #	Description
956NP	2 female to male BNC 'T'
959NP	BNC female both ends
976	BNC Dual males
981	Silver plated, teflon insulator BNC 'T', Female-Female-Female

BNC Adapters

Note: Unless otherwise stated, all items are nickel plated brass with Delrin insulators.



Part #	Description
11335	SMA male to BNC female
11340	SMA female to BNC male
950NP	BNC female to UHF male
951NP	BNC male to UHF female
953NP	BNC male to female right angle adapter
955	BNC male to RCA female
957	BNC female to RCA male
966	BNC female to "F" push-on male
978	BNC female to "F" female

"F" Type RF Adapter

Note: Unless otherwise stated, all items are nickel plated brass with Delrin insulators. BNC Female to F male



Part # 958



BNC Female To Double Stacking Banana Plugs

Rating is 500VRMS max., 50°C (122°F) max.



Part # 1269

BNC Within Series Adapters

Impedance is 50 ohm. Shell is tarnish resistant nickel plated brass. Center male contact is gold plated brass. Center female contact is gold plated beryllium copper. Bandwidth to 4 GHz. *Mounting hardware is isolated from outer conductor of BNC. ^Leakage rate less than 10. Hands free testing in controlled voltage environment: 500 Vrms, -85°F to 329°F (-65°C to 165°C).



Part #	Type	Special Features
3285	BNC (f/m/f)	T Format
4896	BNC (m/f/f)	T Format
3847	BNC (f/f)	Hermetically Sealed^
3846	BNC (f/f)	Isolated Ground*
6700	BNC (f/m/f)	Goal Post Format
6701	BNC (f/m/f)	Goal Post Format

BNC Female to Phone Plug

Rating is hands free testing in controlled voltage environment: 500 Vrms*, 216°F (+102°C) max. BNC: Center contact: nickel plated.



Part # 5319



75 Ohm BNC Adapters



Part #	Description
CAB-2000	In-Line Splice Female - Female
CAB-2015	Right Angle Female To Male
CAB-2005	BNC Female to F Male

BNC Connectors



Part #	Description
CAD-1005	BNC Female To F Male
CAD-1003	BNC Male To BNC Male Coupler
CAD-1001	BNC Female To TNC Male
CAD-1010	BNC Female to RCA Male
CAD-1015	BNC Right Angle Female-Male
CAD-1020	BNC TEE Female-Male-Female
CAD-1025	BNC Tee Female-Female-Female
CAD-1000	BNC In-Line Splice Female-Female
CAD-1030	RCA Female To BNC Male
CAD-1064	BNC Female To UHF Male

BNC Adapter



Part #	Description
CAD-1057	BNC Male To RCA Male Adapter
CAD-1056	BNC Female To N Female Adapter
CAD-1082	BNC Female To Mini UHF Male Adapter

BNC Specialty Connectors

Part #	Description
CBN-5150	BNC 50 ohm male terminator
CBN-5175	BNC 75 ohm male terminator

RF Connectors - TNC Connectors & Adapters

Amphenol RF®

TNC RG58, 141 50 Ohm Straight Plug

Pin contact. Cable connector type. For RG 58, 58A, 58C, 141, 303, LMR 195 and Belden 7806A cables. Crimp/crimp termination. Nickel body plating. Gold contact plating. Insulator material is Delrin.



Part # 31-2367-RFX

TNC Front Mount 50 Ohm Bulkhead Jack

Receptacle connector type. Socket contact. Straight/bulkhead body style. Solder cup termination. Contact plating is gold and body plating is nickel. Delrin insulator material.



Part # 31-2301-RFX



Dual Crimp Plug (with female pin)



Part #	Description
RPT-3952	For RG-58/U
RPT-3956	For RG-316/U

Dual Crimp Jack (with male pin)



Part #	Description
RPT-3962	For RG-58/U
RPT-3966	For RG-316/U

TNC Connectors

TNC Crimp Jack



Part #	Description
TNC-3451	For RG59/U
TNC-3452C	For RG58C/U, RG223
TNC-3458	For RG174, 3pcs.
TNC-7458	For RG174, RG316/U

TNC Crimp Plug

All pre-packed three piece sets, in individual bags. All machined type brass with nickel over plate connectors. Gold plated captive contact pins. Can be crimped or soldered.

Part #	Description
TNC-3421	For RG59/U,62/U cable
TNC-3422	For RG58/U cable
TNC-3422-C	For RG58C/U,58A/U cable
TNC-3423	For RG6/U
TNC-3424	For plenum RG59/U cable
TNC-3425	For plenum RG58/U cable
TNC-3426	For Belden 8281
TNC-3427	For Belden 8218
TNC-3428	For RG174
TNC-3429-11	For RG11, 3pcs, crimp plug
TNC-7442	For RG58/U, right angle



TNC Connectors (cont.)

TNC Twist-On Plug

All pre-packed 1 piece in individual poly bags. Machined type connector, brass with nickel overplate. Gold plated contact pins, wire captive sockets.

Part #	Description
TNC-3431	RG59/U,62/U cable
TNC-3432	For RG58/U cable
TNC-3433	For RG6/U
TNC-3434	For plenum RG59/U
TNC-3435	For plenum RG58/U
TNC-3436	For Belden 8281



N Type/TNC Connectors and Adapters

Nickel plated brass with Delrin insulators. Dual female adapter



Part # 875D



TNC Adapters



Part #	Description
CAD-1068	TNC female to mini-UHF male adapter
CAD-1069	TNC male to female right angle adapter

TNC Connectors



Part #	Description
CAD-1002	TNC female to BNC male
CAD-1077	TNC female to female

RF Connectors - F Connectors



F-Conn Audio/Visual F Connectors

Designed for custom installations when appearance matters. Connectors come in nickel and gold for a professional finished look.

Part #	Cable Size	Description
FS6U	RG6/6 Quad	Universal F Nickel
RG6U	RG6/6 Quad	Universal F Gold
FS59U	RG59/59 Quad	Universal F Nickel
RG59U	RG59/59 Quad	Universal F Gold
FS11V	RG11	F Nickel

Basic Series F Connectors

Part #	Cable Size	Description
F59MINI	Mini	F Connector
RG59WR	RG59	F Connector with Internal Sealing Rings 67% to Quad Shield, Indoor
RG59WRO	RG59	F Connector with Internal Sealing & External O-Ring 67% to Quad Shield, Outdoor
RG59NR	RG59 Quad	Quad F Connector for F59 Headend Cable
RG6WR	RG6	F Connector with Internal Sealing Ring 60% to Tri-Shield, Indoor
RG6WRO	RG6	F Connector with Internal Sealing Ring 60% to Tri-Shield, with External O-Ring for Outdoor
RG6NR	RG6 Quad	Quad F Connector, Indoor
RG6NRO	RG6 Quad	Quad F Connector with External O-Ring, Outdoor
RG7WRO	RG7	F Connector with Internal Sealing Ring 60% to Quad Shield, with Exterior O-Ring for Outdoor
RG7WR	RG7	F Connector with Internal Sealing Ring 60% to Quad Shield, Indoor
RG6WRK	RG6	RG6 F Connector with Internal Sealing Ring 60% to Tri-Shield, with Knurled Nut
RG6SP	RG6	F6 Splice with Internal Sealing Ring

Basic Series F 11 Connectors

Fits RG11 cables.

Part #	Description
F11WR	F Connector with Internal Sealing Ring 60% to Quad, No Tool
F-11ALM	With Fixed Pin
F11SP	F11 Splice with Internal Sealing Ring 60% to Quad, No Tool

Basic Series F 81 Connectors

Part #	Description
F81 RS/NW	F-female to F-female w/ Round Seizure, Nut, Washer
F81-RS	F-female to F-female Round Seizure



Compression F-Connectors

Approved for use by most CATV and Satellite companies. RF containment ensures a strong signal. One-piece weatherproof design for simple and easy installation that provides for a permanent connection that won't come loose. Designed for indoor and outdoor use. Color-coded for easy identification.



Part #	Cable Type	QTY
89-054	RG-59	50
89-104	RG-59	100
89-055	RG-6	50
89-105	RG-6	100
89-056	RG-6 Quad	50
89-106	RG-6 Quad	100



Universal Compression F-Connectors

Four connectors to terminate all major types of coax for the CATV and Satellite market. Eliminates excess inventory and the hassle of having specific connectors for specific types of cable. Terminates 60% braid through Quad Shield in each type of connector. Approved for use by most CATV and Satellite companies. RF containment ensures a strong signal. One-piece weatherproof design for simple and easy installation that provides for a permanent connection that won't come loose. Designed for indoor and outdoor use. Color-coded for easy identification.

Part #	Cable Type	QTY
89-059	Universal RG-59	50
89-159	Universal RG-59	100
89-060	Universal RG-6	50
89-160	Universal RG-6	100
89-060P	Universal RG-6 Plenum	50
89-160P	Universal RG-6 Plenum	100



'F' Connectors



Part #	Description
21-058-0	Integral crimp ring for RG59/u
21-007-0	Integral crimp ring for RG6/u
21-057-0	Screw-on style for RG59/u
21-006-0	Standard Crimp for RG6/u
21-059-0	Standard crimp for RG59/u
21-008-0	Weatherproof for RG6/u

PC Mount Jacks

PC layout is 2.2mm dia. holes at 8mm centers.



Part #	Description
21-007-0	Threaded length is 14mm
21-062-0	Threaded length is 25mm

Paladin Tools®

SealTite® CATV "F" Connectors

Designed for indoor or outdoor usage for home networking and video distribution including digital satellite and CATV, UHF and cable modems. Quick and easy to assemble. Good crimp connections assured to avoid costly repair call-backs.



Part #	Description
9642	RG59 - 10 clamshell
9643	RG6 - 10 clamshell
9644	RG6 Quad - 10 clamshell
9610	RG59 - 20 clamshell
9611	RG6 - 20 clamshell
9612	RG6 Quad - 20 clamshell
9645	RG59 - 50 retail jar
9646	RG6 - 50 retail jar
9647	RG6 Quad - 50 retail jar
9613	RG59 - 100 bulk
9614	RG6 - 100 bulk
9615	RG6 Quad - 100 bulk
9616	RG59 - 1000 bulk
9617	RG6 - 1000 bulk



RF Connectors - F Connectors



F Connectors

RFF Series - F Connectors



Part #	Description
RFF-7714	F-59A, 1/8" ring, with ring attached
RFF-7752	F-56A, 1/4" ring, with ring attached
RFF-7711	F-59, 1/8" ring, with separate ring
RFF-7712	F-59, 1/4" ring, with separate ring
RFF-7713	F-59, 1/2" ring, with separate ring
RFF-7717	F-11, 1/5" ring, with separate ring
RFF-7751	F-56, 1/4" ring, with separate ring

Crimp Connectors



Part #	Description
RFF-7715	For RG-59 (F-59ALM. Standard)
RFF-7716	For RG-59 (F-59ALX. Tri-Shield)
RFF-7753	For RG-6 (F-56ALM. Standard)
RFF-7754	For RG-6 (F-56ALX. Tri-Shield)
RFF-7755	For RG-6 (F-56 ALX. Quad Shield)
RFF-7757	For RG6/U, Plenum
RFF-7758	For For RG59/U, Plenum

Easy Grip & Quad



Part #	Description
RFF-7715EG	RG-59 Easy Grip
RFF-7753EG	RG-6 Easy Grip
RFF-7755EG	RG-6 Quad

RFF Series Chassis Mounts

Chassis Mount

Part # RFF-7739



Chassis Mount with Nut and Washer

Part # RFF-7738



RFF Series - F-Type Coaxial Connector

Snap Fit



Part #	Description
RFF-7716SN	For RG-59
RFF-7718SN	For RG-58
RFF-7719SN	For RG-59 Quad-Shield
RFF-7754SN	For RG-6 Tri-Shield
RFF-7755SN	For RG-6 Quad-Shield

Twist-On Connector (No Crimp)

Part #	Description
RFF-7731	F-59TW
RFF-7756	F-56TW
RFF-7759	F-59TW



RFF Series - F-Type Coaxial Connector (cont.)

Waterproof Connectors with Ring Attached

Part #	Description
RFF-3715W	For RG-59, 1/2" ring
RFF-3753W	For RG-6, 1/2" ring
RFF-7715W	For RG59, 1/2" ring
RFF-7753W	For RG-6, 1/2" ring

Right Angle Connector

Part #	Description
RFF-7763	Crimp-on, F-59
RFF-7765	Twist-on, F-59TR

Quick Disconnect



Part #	Description
RFF-7725	F-RG-59G
RFF-7727	F-59QD



"F" Connectors

Note: Unless otherwise stated, all items are Nickel Plated Brass with Delrin Insulators.



Solderless Twist-On "F" Connectors

Part #	Wire Type	Special
FC59A	RG6/U	Nickel plated
FC59C	RG59/U	Nickel plated
FC59Q	RG6/U	For quad shield
FCG59A	RG6/U	Gold plated
FCG59C	RG59/U	Gold plated

Weatherproof "F" Connector for RG6/U

One piece, high quality "F" connector. Brass and cadmium plated.



Part #	Description
FCW6	With rubber "O" ring
FCW6A	With rubber "O" ring and silicone gel for maximum protection against harsh environments

Crimp-Type "F" Connector

Part #	Wire Type
FC56A	RG6/U

RF Connectors - F Connectors



F Connectors

Easy installation. Simply strip the cable and push-on the connector. No crimp tool required. 40lb. (18.1kg) minimum cable retention. All F connectors are 75 ohms. Type is F (m).



Part #	Finish	For Cable
6707	Gold plated	RG6
6708	Gold plated	RG59

F Female PCB Mount

For RG59 and RG6 cable. True 75ohm. Mounts and locks onto circuit board edge. Anti-rotational design. F (f) Reflow type with TFE insulator



Part # 6711



F Series Connectors

These connectors are specially designed for use in CATV, TV antenna/satellite dish connections as well as where almost all consumer video equipment is used. The F crimp-on series are high-quality connectors manufactured with brass-machined heads and are highly reliable with excellent pull-strength characteristics. Also available are the compression style, twist-on and a new solderless style, allowing installers many application options.



For RG-59 Cable

Part #	Description
CFC-7111	F male crimp with 0.5" ring for RG59 PVC
CFC-7112	F male crimp with 0.5" ring for RG59 plenum
CFC-7123	F male crimp with 0.5" ring for RG59 tri-shield
CFC-8110	F male compression for RG59 single thru tri-shield
CFC-1111	F male twist-on for RG59

For RG-6 Cable

Part #	Description
CFC-7114	F male crimp with 0.5" ring for RG6 PVC
CFC-7115	F male crimp with 0.5" ring for RG6 plenum
CFC-7124	F male crimp with 0.5" ring for RG6 tri-shield
CFC-7125	F male crimp with 0.5" ring for RG6 quad-shield
CFC-7214	F male crimp with 0.5" ring for RG6 PVC with o-ring
CFC-7314	F male crimp with 0.5" ring for RG6 with gel & o-ring
CFC-8114	F male compression for RG6 single thru quad-shield
CFC-1114	F male twist-on for RG6
CFC-8116	F Male Compression For RG-6 Quad w/ Green Ring

RG-11 & Solderless

Part #	Description
CFC-7118	F male crimp for RG11 PVC
CFC-7119	F male crimp for RG11 PVC 1 piece with captive pin
CFQ-9010	F male solderless - RG59/6
CRQ-6000	RCA male solderless



F Specialty Connectors

These connectors are for design and manufacturing applications. The panel-mounted designs are available for top-threaded or rear mounted bulkhead applications, with solderable center pins. The PC board designs are available for vertical or right angle applications. Also offered are attenuator pads that are designed to decrease signal levels for testing and calibrating MATV systems. These are available female-to-male configurations in a variety of attenuator values.



Panel & PC Mount

Part #	Description
CFS-0185	F-61 F female chassis mount with nut & washer
CFS-0187	F-61 F female top hex chassis mount with nut & washer
CFS-0189	F-61 F female right angle PC mount
CFS-0188	F-61 F female PC vertical mount

Female-To-Male Attenuators

Part #	Description
CFS-0203	3DB F Attenuator
CFS-0206	6DB F Attenuator
CFS-0210	10DB F Attenuator
CFS-0220	20DB F Attenuator



F Male Crimp-On - RG6

Male crimp-on with attached 1/2" crimp ring.

Part # 32-439-BU

F Male Twist-On For RG6/U

Male crimpless twist-on.

Part # 32-3003-BU

Female F "Splice with Nut and Was F"

"F" Female to female with nut and washer.

Part # 32-3006-BU



RF Connectors - F Adapters & Terminators



Video & RF Adapters



Part #	Description
21-156-0	F Jack - F Plug
21-145-0	F Jack - BNC Plug

Double 'F' chassis jack



Part # 21-081-0

Video & RF Adapters

21-115-0



21-155-0



Part #	Description
21-115-0	F Jack-RCA Plug
21-155-0	F Jack - F Plug
21-126-0	RCA Jack - F Plug



RFA Series F Adapters-Female and Male



Part #	Description	Figure
RFA-8702	F (F) - 3.5 Male	1
RFA-8791	F (F) - RCA Female	2
RFA-8792	F (F) - RCA Male	2
RFA-8793	F (M) - RCA Female	3

Terminator

Part #	Description
RFF-7775	75ohm 1/8W, 5%
RFF-7775-1	75ohm 1/8W, 1%

RFF Series Chassis Mount, Adapter and Others

D-Shape Inline Splice, with Nut and Washer

Part # RFF-7734



F Female to F Male, Right Angle

Part # RFF-7768



Inline Splice

Part #	Description
RFF-7733	Inline Splice
RFF-7733Z	Die cast

Inline Splice, with Nut and Washer

Part #	Description
RFF-7735	Inline Splice
RFF-7735L	L=24.7mm
RFF-7735Z	Die cast



RFF Series Chassis Mount, Adapter and Others (cont.)



Part #	Description
RFF-7736	Male Inline Splice
RFF-7740	Nut and Washer
RFF-7737	PCB Mount Jack

Quick Release, F Female to F Male

Part #	Description
RFF-7761	Nickel body
RFF-7761G	Gold plated

Rings

Part #	Description
RFF-7742-56	F-56, 1/2" ring
RFF-7742-59	F-59, 1/2" ring
RFF-7744-56	F-56, 1/4" ring
RFF-7744-59	F-59, 1/4" ring
RFF-7745-11	F-11, 1/5" ring
RFF-7748-56	F-56, 1/8" ring
RFF-7748-59	F-59, 1/8" ring

RF Grounding Block Connectors

Wood screws included.

Part #	Description
RFF-7733GB	F/F 3GHz
RFF-7733GBD	F/F 3GHz, Dual Port

Male & Female Splice

Part #	Description
RFF-7736-2GHz	Passes up to 2 gig
RFF-7734-3GHz	Passes up to 3 gig



F Bulkhead Receptacle

Material is machined, nickel-plated brass. F (f/f) Reflow type with TFE insulator.

Part # 6706



F Between Series Adapters

Shell is tarnish resistant nickel plated brass. Center contact is male, gold plated brass and female, gold plated beryllium copper (except as noted). Dielectric is PTFE.

Part #	Type
6714	BNC (m)/F (f)
6715	BNC (f)/F (f)
6716	F (m)/BNC (f)



RF Connectors - F Adapters & Terminators



F Within Series Adapters

Material is machined, nickel-plated brass.



Part #	Type
6712	F (m/f) Right angle
6713	F (m/f) In line, Push-on



"F" Type RF Adapters and Jacks

Note: Unless otherwise stated, all items are nickel plated brass with Delrin insulators.



Part #	Description
FC61	Male to female F-Type Right Angle Adapter
FC69	F-Female to RCA Male, Nickel plated
FC73	F-Male to Male
FC74	F-Female to RCA Female
FC75	F-Female to RCA Female with hardware for panel mounting in 3/8" hole or use inline. Standard nickel plated
FCG63	F-Male to RCA Female, Gold plated
FCG67	F-Female to Female, May be panel mounted or used in line. Mounts in 3/8" hole in panels up to 1/8" thickness with washer and nut. Adapter, gold plated



F Splices & Terminators

These series of splices mate with F series connectors for various mounting applications. These include female-to-female couplers for cable mounting and also versions with nut and washer for panel mounting requirements. Available is a coupler version designed for 1GHz applications, featuring an auto termination resistor load design for system balancing when disconnected. Also offered is an F terminator for "dummy load" use.



F Splices & Connectors

Part #	Description
CFS-0181	F-81 in-line coupler - female-to-female
CFS-0182	F-81 in-line coupler - female-to-female with nut & washer
CFS-0186	F-81 1GHz in-line coupler with auto termination
CFS-0183	F nut & washer set

75 Ohm Terminator

F male terminator.



Part # CFC-5175

F Connectors



Part #	Description
CAD-1035	F female to BNC male
CAD-1090	F female to push-on male
CAD-1095	F 90 female to push-on male
CAD-1100	F 90 female to male
CAD-1116	RCA female to F female
CAD-1105	F female to 3.5mm male
CAD-1130	F male to pal female
CAD-1125	F female to pal female
CAD-1120	F female to pal male

RF Connectors - N Connectors



N Connectors

Nickel plated brass body. Gold plated brass or phosphor bronze contacts. Delrin dielectric.



Part #	Description
21-439-0	Chassis jack
21-450-0	Crimp/Solder plug (RG58/u)
21-457-0	Standard plug (RG8/u)
21-458-0	Standard plug (RG58/u)
21-465-0	T Connector
21-468-0	Female joiner
21-469-0	Right angle elbow



RFN Series - N Connectors



Clamp-Type, Male

Part #	Description
RFN-7661	For RG-8/U, 11/U, 213/U, 214/U
RFN-7662	For RG58/U
RFN-7663	For RG59/U, 62/U
RFN-7665	For RG58 or ethernet plenum
RFN-7668	For RG8X, Mini 8
RFN-7669	For RG-59, right angle
RFN-7667-L400	For LMR-400
RFN-7642-A	For 58A/U ethernet P.V.C.
RFN-7641	For RG59/U, 62/U
RFN-7642	For RG58/U
RFN-7645	For RG58 or ethernet plenum
RFN-7648	For RG-8X
RFN-7649	For RG-58/U, right angle
RFN-7664	For RG-8/U, 11/U, 213/U, 214/U
RFN-7646-316	For RG316
RFN-3629-L400	For LMR-400

RF Connectors - N Connectors



RFN Series - N Connectors (cont.)



Crimp-Type, Female

Part #	Description
RFN-7630	For RG-8/U, 213/U
RFN-7632	For RG-58
RFN-7636-L400	For LMR-400
RFN-7660	For RG-213, RG-8
RFN-7687-L400	For LMR400, Teflon Insulation

N Female Chassis Mount



Part # RFN-7653

Twist-On, Male

For RG-58/U



Part # RFN-7672



N Female In-Line Connector

Clamp-Type, Solderless.



Part #	Cable Type
710	RG58/U
711	RG8/U



Male N Connector

Clamp type with solder pin.



Part #	Cable Type
708	RG58/U
709	RG8/U



N Connectors

Feature excellent performance characteristics at high frequencies up to 11 GHz and are designed for 50-Ohm impedance.

Used in a variety of applications including microwave antennas, transmitters, broadcast, test and measurement, instrumentation and LAN's. Voltage rating is 500V AC. Frequency range is 0-11 GHz. Insulation resistance is 1000M.



Part #	Description
CNC-6223	N Solder Clamp Female for RG8/213
CNC-3112	N 3-Piece Crimp Male for RG58 PVC
CNC-3022	N 3-Piece Crimp Male for RG8, 11, 213
CNC-6224	N Chassis Mount Solder Female
CNC-3192	N 3-Piece Crimp Male For RG-8/11 W/ 110 Pin
CNC-6122	N Solder-Clamp Male for RG8, 11, 213, 214
CNC-6123	N Solder Clamp Male for RG58 PVC

RF Connectors - N Adapters



RFA Series - N Adapters

RFN-7650



RFN-7658



Part #	Description
RFA-8682	N (F) - SMA Male
RFA-8612	N (F) - UHF Male
RFA-8681	N (F) - SMA Female
RFA-8613	N (M) - UHF Female
RFA-8673	N (M) - F Female
RFA-8263	N (F) - MU Male Mini UHF-Male
RFA-8672	N (F) - F Male
RFA-8683	N (M) - SMA Female
RFA-8684	N (M) - SMA Male
RFN-7650	F-F, adapter
RFN-7651	M-M adapter
RFN-3609	Terminator plug, 1W, 1%, 50ohm
RFN-3609HF	Hi F terminator plug
RFN-3610	Terminator jack, 1W, 1%, 50ohm
RFN-7652	M-F, right angle adapter
RFN-7654	M-F adapter
RFN-7658	M-M, right angle



N Type Adapters

Note: Unless otherwise stated, all items are nickel plated brass with Delrin Insulators.



Part #	Description
712	N Dual Female Adapter
713	N Female Chassis Mount
714	N Dual Male Adapter
715	N Right Angle Male to Female
716	N Right Angle Male to Male
717	N Male to Female Adapter
718	N Female to F Male Adapter
719	UHF Female to N Male Adapter
720	N Female to UHF Male Adapter
724	N Male to BNC Female Adapter



RF Connectors - N Adapters



N Adapters

CAD-1062



CAD-1066



Need Help ? ? ? ? ?



If you would like assistance in determining which products are appropriate for your application, our sales representatives will gladly assist you!



Part #	Description
CAD-1071	N male to UHF female adapter
CAD-1060	N male to female right angle adapter
CAD-1067	N female to mini-UHF male adapter
CAD-1066	N female to UHF male adapter
CAD-1055	N male to BNC female
CAD-1061	N female to BNC male
CAD-1062	N male to N male
CAD-1063	N female to N female

RF Connectors - UHF Connectors

Amphenol RF®

UHF Straight Solder/Solder Plug

Cable connector type. Pin contact. Non-constant impedance. Nickel body plating. Silver contact plating.



Part #	Description	Insulator Material
83-1SP-1050	PL-259 UHF Plug	LCP
83-1SP	PL-259 UHF Plug	LCP
83-1SP-15RFX	UHF Plug for RG 8, PL 259 cable	Phenolic

UHF FCP Plug

Cable connector type. Pin contact. Non-constant impedance. For RG 58, 58A, 58C, 141, 303, LMR 195 and Belden 7806A cables. Straight body style. Crimp/crimp termination. Nickel body and contact plating. PBT Polyester insulator material.



Part # 83-58FCP-RFX

UHF Reducing Adapter

In-series adapter type. Socket/pin gender. Nickel body plating.



Part #	Description	Body Style
83-185-RFX	For use on RG-55, 58, 141, 142 cable (except 55A)	Bulkhead
83-168-RFX	For use on RG-59, 62, 71, 140, 210 cable	Straight



UHF Connectors

Reducer



Part #	Description
UHF-7621	UHF reducer, RG-59U
UHF-7622	UHF reducer, RG-58U

PL259 Insulator

Part #	Description
UHF-7601	UHF male Phenolic Insulator
UHF-7601-1	Die cast inner, delrin
UHF-7601-L	Teflon Insulator long body



UHF Connectors (cont.)

UHF Chassis Mount Female Type SO239

Mounts in 5/8" dia. hole, screw holes are 23/32" mounting centers.

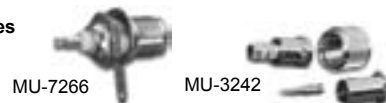


Part # UHF-7603

UHF Crimp On

Part #	Description
UHF-7604	For RG58/U
UHF-7605	For RG59/U,62/U
UHF-7606	For RG8/U

Mini UHF Connectors - MU Series



Part #	Description
MU-3252	Female RG58A/U, crimp type
MU-7245(BK)	Male 4-pc type RG58/U,58A/U,Black
MU-7246(BK)	Male 3-pc type RG58/U,58A/U,Black
MU-7248	Male 3-pc type RG58/U,58/AU
MU-7266	Bulkhead Jack Rear Mount
MU-7269	Panel Mount Jack
MU-7267	Panel Mount Jack Black Chrome
MU-7247	RG58/U, Twist On, Male
MU-3242	Male 4-pc type, RG58A/U crimp type
MU-7241	Male RG59/U, crimp type



Mini-UHF Connectors

These connectors are used primarily in cellular communications equipment where miniaturization, weight and cost are considerations.



Part #	Description
CMU-3112	3-piece male crimp for RG58 PVC
CMU-3212	3-piece female crimp for RG58 PVC
CMU-3312	Panel mount female solder with nut & washer



RF Connectors - UHF Connectors



UHF Connectors - Low Frequency

Use in communications equipment and are designed for low frequency applications up to 300 MHz. They are found in CB communications radios, amateur (ham) radio equipment. The male solder version features a high-temp bakelite insulator, which offers excellent heat resistance to high temperature soldering.



Part #	Description
CUF-6122	UHF Solder Male for RG8, 213, 214
CUF-9110	UG-175 Reducer Adapter for RG59



UHF Connectors - Low Frequency (cont.)

Part #	Description
CUF-9112	UG-176 Reducer Adapter for RG58
CUF-6220	UHF Crimp 3-Piece Male for RG58
CUF-6230	UHF Flange Panel Mount Female
CUF-6240	UHF Circular Panel Mount Female

RF Connectors - UHF Adapters



Mini UHF Adapters



Part #	Description
MU-7233	F - F, Adapter
MU-7237	J - P - J, Adapter
MU-7232	M - M, Adapter
MU-7231	Right Angle M-F

Mini UHF Adapters (RFA Series)



Part #	Description
RFA-8323	Mini UHF (F) - BNC Male
RFA-8281	Mini UHF (F) - SMA Female
RFA-8283	Mini UHF (M) - SMA Female
RFA-8122	Mini UHF (M) - UHF Female

UHF Adapters



Part #	Description
RFA-8123	UHF (M) - Mini UHF Female
UHF-7613	M-F, Right Angle Adapter
UHF-7623	J-J-J, "T" Adapter
UHF-7624	J-P-J, "T" Adapter
UHF-7614	Female Inline Splice Adapter
RFA-8313	UHF (F) - BNC Male
RFA-8311	UHF (F) - BNC Female
UHF-7626	M-M, Adapter
RFA-8173	UHF (M) - F Female
RFA-8171	UHF (F) - F Female
RFA-8312	UHF (M) - BNC Female
UHF-7625	F-F, Chassis Mount



UHF Connectors and Adapters



Part #	Description
551A	UHF right angle adapter male to female
553A	UHF dual female adapter inline type PL-258



UHF Adapters



Part #	Description
CAD-1081	Mini UHF female to TNC male adapter
CAD-1072	UHF male to RCA female adapter

UHF Connectors



Part #	Description
CAD-1065	UHF female-female splice
CAD-1070	UHF splice - long version
CAD-1075	UHF female to mini UHF male
CAD-1076	UHF female to BNC male
CAD-1080	Mini-UHF female-female
CAD-1085	Mini-UHF right angle female-male



RF Connectors - SMA/SMB/SMC Connectors & Adapters



SMA Coaxial Connectors

Bulkhead Crimp Jack



Part #	Description
SMA-2705	For RG58/U, 141/U, 143
SMA-2705N	Nickel body

Bulkhead Crimp Jack-Captive Contact

Cable group is RG 316/U, RG174/U gold plated body.



Part # SMA-2703

Straight Crimp Plug

For RG316/U, RG174/U, nickel body.



Part # SMA-2517N

Straight Crimp Plug-Captive Contact



Part #	Description
SMA-2501	Cable group is RG 316/U, RG174/U gold plated body.
SMA-2518	Cable group is RG 58/U gold plated body.
SMA-2518N	Cable group is RG 58/U nickel plated body.

Straight Cable Plug-High Voltage

Cable dia. is 0.141", 10μ" gold plated body.



Part # SMA-2580

Right Angle Crimp Plug-Captive Contact



Part #	Description
SMA-2508	Cable group is RG 58/U gold plated body.
SMA-2507	Cable group is RG 316/U, RG174/U gold plated body.

Straight Cable Jack



Part #	Cable Dia.
SMA-2781	0.085"
SMA-2782	0.141" 10μ gold plated body

Straight Crimp Jack-Captive Contact

Cable group is RG 316/U, RG174/U gold plated body.



Part # SMA-2717



SMA Reverse Polarity

Crimp Plug (With Female Pin)



Part #	Description
RPA-2452	For RG-58/U
RPA-2456	For RG-316/U

Right Angle Crimp Pin (With Female Pin)



Part #	Description
RPA-2453	For RG-58/U
RPA-2457	For RG-316/U

Crimp Jack (With Male Pin)



Part #	Description
RPA-2462	For RG-58/U
RPA-2466	For RG-316/U

Panel Mount, PCB and Bulkhead

Bulkhead

Jack Receptacle



Part #	Mount
SMA-2761	Front
SMA-2762	Rear

P.C.Board



Part #	Type
SMA-2770	Straight jack
SMA-2779	Right angle jack

Panel Mount

Jack Receptacle



Part #	Flange
SMA-2730	4 hole
SMA-2735	2 hole

SMA Adapters Series



Part #	Description
SMA-2700	Jack to Jack
SMA-2711	Jack to Jack Bulkhead Feedthrough
SMA-2510	Plug to Jack
SMA-2599	Plug to Jack Right Angle
SMA-2500	Plug to Plug
SMA-2775	SMA J-J-J Tee
SMA-2594	SMA J-P-J Tee

RF Connectors - SMA/SMB/SMC Connectors & Adapters



SMB Connector



SMB-2801



SMB-2601

Part #	Description
SMB-2606	Crimp Plug - RG-316/U, RG-174/U
SMB-2801	Straight Jack
SMB-2601	Straight Plug - RG-316/U, RG-174/U
SMB-2803	Bulkhead Feed through Jack for RG-316/U and RG-174/U
SMB-2616	SMB Adapters - RG-316/U, RG-174/U
SMB-2863	Bulkhead Jack Receptacle

SMC Connectors



Part #	Description
SMC-2306	For RG-316/U; Crimp plug
SMC-2901	For RG-316/U flex cable crimp jack, straight through
SMC-2903	For RG-316/U flex cable bulkhead crimp jack straight through
SMC-2963	Rear mount bulkhead jack, solder cup
SMC-2970	PCB mount thru hole jack, 180 degree
SMC-2979	PCB mount thru hole jack, 90 degree



SMA PCB Mounting Female

Impedance is 50 ohm. SMA: Body is gold plated stainless steel. Center contact is gold plated beryllium copper. Dielectric is PTFE. Rating is hands free testing in controlled voltage environment: 335 Vrms*, -85°F to 329°F (-65°C to +165°C).



Part # 4959



Coaxial - Between Series Adapters (SMA Male to BNC Female)

Rating is hands free testing in controlled voltage environment: 335 Vrms*. Impedance is 50 ohm. SMA: Shell is gold plated brass. Center contacts is gold plated brass. Dielectric is PTFE.



Part # 4290



SMA Male Crimp Type

58A/U-141 wire type.



Part # 11100



SMA Adapters

Part #	Description
CAD-1200	SMA female to N male adapter
CAD-1201	SMA male to BNC female adapter



RF Connectors - Connector Kits & Tools



DB Starter Kit

ICM's DB Starter Kit contains Cable Pro's CPLCRBC compression tool, a PSA59/6 strip tool and FIT-59 tool, with a selection of F-Conn universal F, RCA, and BNC compression connectors in sizes RG59 and RG6. The DB Starter Kit includes all necessary tools to create solid, structured wiring installations. The patented Cable Pro (RBC) radial bubble compression tool and new line of bubble connectors are designed to work together as a complete solution for each step of the installation process, reducing costly errors and training time. The CPLCRBC also works with F-Conn standard F, RCA and BNC connectors so installers can reduce the number of tools they carry. DB connectors included in kit: DB6U (25), DB59U (25), DB59RCAU (10), DB6BNCU (10), DB59BNCU (10), and DB59BNC SL (10). Tools included: CPLCRBC Compression Tool (1), PSA59/6 Strip Tool (1) and FIT-59 Tool (1).

Part # DB STARTER KIT



Starter Kit

ICM's Starter Kit contains a CPLCCT-SLM compression tool, and PSA59/6/RGB strip tool. The lightweight, SLM compression tool in the kit comes with four interchangeable tips allowing installers to compress a variety of F-Conn connector types that include F, RCA and BNC, speaker connectors, right angles, and standalone splices that work with ICM's patented Wall Plate System. Compliant F-Conn connectors are available in sizes RG59, RG6, mini coax, and a variety of plenum sizes. The Starter Kit includes all necessary tools and a selection of F-Conn commercial series connectors designed to work together as a complete system for each step of the custom installation process. Consequently reducing costly errors and training time as well as reducing the number of tools one must carry. F-Conn connectors included in kit: FS59U (10), FS59BNC SL (5), FS6U (10), FS6BNCU (5), FS6RCAU (5), FS6US (5), FSRCAUS (5), FS6URA (5), FSBNC6URA (5), FSRCA6URA (5), FS1RCA (5), FSBNC1RGB (5), FS15BNC (5), a variety of compression color rings, color "O" rings and HIP inserts. Tools included: CPLCCT-SLM Compression Tool and PSA59/6/RGB Strip Tool.

Part # STARTER KIT



RF Connectors - Connector Kits & Tools



Cable Pro SLM Compression Tool

The SLM compression tool is unique in its self-adjusting, light-weight, one-step functionality creating a TRUE 360° compression. Four interchangeable tips allow installers to compress a variety of connector types that include F, RCA, BNC in nickel or gold finish, Right Angles, Speaker Series, and Standalone Splices that work with ICM's patented Wall Plate System. Compliant F-Conn connectors are available in sizes 59, 6, mini coax, and a variety of plenum sizes. Greatly reduces the number of tools that installers need for custom installations.



Part # CPLCCT-SLM

Cable Pro DB Compression Tool

The patented Cable Pro (RBC) radial bubble compression tool works with F-Conn's standard F, RCA and BNC connectors in sizes RG59 and RG6 in addition to a full line of plenum connectors for installations requiring plenum wiring. The DB compression connection creates two 360° compression connections (one interior and one exterior) providing permanent, "double bubble" connection. The system is ideal for security cameras and other exposed wiring installations. The unique double bubble connection provides superior protection against moisture migration limiting poor signal quality due to the elements. *available in blue or red grip color.



Part # CPLCRBC*

Cable Pro True Torque Open End Wrench

Features specially positioned finger grooves on the handle to ensure a true torque. The true torque open end wrench is used to torque 7/16" F-fittings. ICM presets your tool in our factory to your desired torque (in inch pounds) setting producing a custom fit based on your preference. Typical settings range from 10-40 inch pounds. Also available with different size torque heads.



Part # TROE716*

Cable Pro Head End Extended Socket Wrench

ICM's Cable Pro head end extended socket wrench is specially manufactured for professional installers that encounter a tight, unyielding work space. The socket extends 18" from the handle to maximize installer reach-ability making unbearable work spaces easy to operate. The head end socket wrench is used to torque 7/16" F-fittings where access to tight spaces is needed and in headends.



Part # HT716

Cable Pro Head End Extended Socket Wrench

ICM's Cable Pro head end extended socket wrench is specially designed for professional installers that encounter tight, unyielding work spaces while installing BNC connectors. The socket extends 18" from the handle to maximize installer reach-ability making unbearable work spaces easy to operate.



Part # HTBNC



BNC/TNC Connector Removal Tools

BNC/TNC connector removal tools for easy access to high density locations of connectors.



Part #	Description
35-041	8 in. (20.3 cm) overall length, 4 1/2 in. (11.4 cm) blade length
35-042	12 in. (30.5 cm) overall length, 8 in. (20.3 cm) blade length
35-043	16 in. (40.6 cm) overall length, 12 in. (30.4 cm) blade length

Paladin Tools®

BNC and CATV "F" Extraction Tools

Chrome finish. Comfortable driver-style plastic handle. 1908 CATV "F" is a combination tool. Use the hex socket to easily remove and insert the connectors. Use the threaded end to hold the connector while you insert cable for twist-on connectors. Helps to prevent finger injuries. One year warranty.

Part #	Description
1916	BNC 12"
1907	BNC 8"
1908	CATV 8"



Connector adapter Kit

This kit allows user to make up any combination of TNC, UHF, Mini-UHF, SMA, BNC, 'N' type, 'F' and RCA adapter. Kit includes 2 each male and female fittings and 8 adapter fittings.



Part # 999



7/16 DIN Adapter Kit

Enables the field service technician to connect equipment that has 7/16 DIN connectors to other equipment that has Type N connectors. Feature extremely high resistance to inter-modulation interference. Kit contains one each: 7/16 DIN Male to 7/16 DIN Female Right Angle Adapter, 7/16 DIN Male to Type N Male Adapter, 7/16 DIN Male to Type N Female Adapter, 7/16 DIN Female to Type N Male Adapter, 7/16 DIN Female to Type N Female Adapter, 7/16 DIN Female to 7/16 DIN Female Splice. All parts are protected by a custom zippered case with die cut foam padding.



Part # 6254

Maxi Universal Adapter Kit

Kit contains two each: BNC (m), BNC (f), TNC (m), TNC (f), SMA (m), SMA (f), "N" (m), "N" (f), UHF (m), UHF (f), Mini UHF (m) Mini UHF (f), "F" (m), "F" (f), RCA (m), RCA (f), six intermediate couplers, one double banana plug, one double banana jack and one sampler.



Part # 5748

Universal Adapter Kit

Kit contains two each: BNC (m), BNC (f), TNC (m), TNC (f), SMA (m), SMA (f), N (m), N (f), four intermediate couplers, one double Banana Plug, one double Banana Jack and case.



Part # 5698

See The Tools Section For A Larger Selection Of Our Tools & Kits



