

RF Coaxial Connectors, Adapters and Kits

Pomona has everything from a single reliable RF adapter to versatile kits packaged in lightweight, foam padded cases containing all the connections and terminations you might need. Small MCX, MMCX, SMA and SMB connectors enable attachment in today's tight spacings. Pomona – connecting with quality.

Universal Adapter Kit

Model# 5698



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.



Multi-RF Direct Adapter Kit

Model# 72934



A comprehensive kit including the most frequently used 50Ω RF adapters in a rugged pistol-grip case. Allows for direct adaptation without intermediate couplers. All parts are precision machined brass, not diecast, with tarnish resistant nickel plating. Male center pin contacts are gold plated brass. Female center contacts are gold plated heat treated beryllium copper. Insulation material is high density PTFE.

Maxi Universal Adapter Kit

Model# 5748



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, one sampler, and case.

Kit contains:

- 3535 BNC (m)/Type N (f)
- 3288 BNC (f)/Type N (m)
- 3844 TNC (m)/BNC (f)
- 4288 SMA(m)/BNC(M)
- 4290 SMA (m)/BNC (f)
- 4289 SMA (f)/BNC (m)
- 4291 SMA (f)/BNC (F)
- 4298 SMA (m)/Type N (f)
- 4297 SMA (f)/Type N (M)
- 4299 SMA (f)/Type N (f)
- 4292 SMA (m)/TNC (m)
- 4294 SMA (m)/TNC (f)
- 4293 SMA (f)/TNC (m)
- 4295 SMA (f)/TNC (f)
- 4296 SMA (m)/Type N (m)
- 3283 BNC (f-f)
- 3533 BNC (m-m)
- 3285 BNC (f-m-f) TEE
- 3284 BNC (f-f-f) TEE
- 4940 TNC (f-f) Adapter
- 3841 TYPE N (f-f)
- 3842 TYPE N (m-m)
- 4282 SMA (m-f) Rt Angle
- 4283 SMA (m-m)
- 4284 SMA (f-f)
- 4286 SMA Termination, 50Ω (m)

Adapter Kit Accessories

Individual adapters for the Universal Adapter Kits are also available.

Coupling nut adapter to	Model#	5698	5748	Coupling nut adapter to	Model#	5698	5748
BNC (m)	5735	2	2	Mini UHF (m)	5753	-	2
BNC (f)	5739	2	2	Mini UHF (f)	5757	-	2
TNC (m)	5736	2	2	RCA (m)	5754	-	2
TNC (f)	5740	2	2	RCA (f)	5758	-	2
SMA (m)	5737	2	2	F (m)	5759	-	2
SMA (f)	5741	2	2	F (f)	5755	-	2
N (m)	5734	2	2	Coupler	5742	4	6
N (f)	5738	2	2	DbI Banana Plug	5743	1	1
UHF (m)	5752	-	2	DbI Banana Post	5744	1	1
UHF (f)	5756	-	2	Sampler	5760	-	1

SMA Adapter Kit

Model# 72931



A consolidated kit including the most frequently used SMA adapters in a rugged pistol-grip case. Allows for direct adaptation without intermediate couplers. All parts are precision machined brass, not diecast, with tarnish resistant nickel plating. Male center pin contacts are gold plated brass. Female center contacts are gold plated heat treated beryllium copper. Insulation material is high density PTFE.

Kit contains:

- 4282 Right Angle SMA Female to SMA Male
- 4283 Inline SMA Male to SMA Male
- 4284 Inline SMA Female to SMA Female
- 4286 SMA Male Terminator Plug
- 4288 SMA Male to BNC Male
- 4289 SMA Female to BNC Male
- 4290 SMA Male to BNC Female
- 4291 SMA Female to BNC Female
- 4292 SMA Male to TNC Male
- 4293 SMA Female to TNC Male
- 4294 SMA Male to TNC Female
- 4295 SMA Female to TNC Female
- 4296 SMA Male to N Male
- 4297 SMA Female to N Male
- 4298 SMA Male to N Female
- 4299 SMA Female to N Female

*see rating message at start of section.

N Adapter Kit

Model# 72932



A consolidated kit including the most frequently used Type N adapters in a rugged pistol-grip case. Allows for direct adaptation without intermediate couplers. All parts are precision machined brass, not die-cast, with tarnish resistant nickel plating. Male center pin contacts are gold plated brass. Female center contacts are gold plated heat treated beryllium copper. Insulation material is high density PTFE.

Kit contains:

- 3288 N Male to 50Ω BNC Female
- 3535 N Female to 50Ω BNC Male
- 3841 Inline N Female to N Female
- 3842 Inline N Male to N Male
- 3843 Right Angle N Female to N Male
- 4286 N Male to SMA Male
- 4297 N Male to SMA Female
- 4298 N Female to SMA Male
- 4299 N Female to SMA Female
- 5089 T Style N Female to N Female to N Female
- 4240-50 50Ω N Terminator Plug
- 4240-75 75Ω N Terminator Plug

Broadcast BNC Adapter Kit

Model# 72933



A comprehensive kit including the most frequently used 75Ω BNC adapters in a rugged pistol-grip case. Allows for direct adaptation without intermediate couplers. All parts are precision machined brass, not die-cast, with tarnish resistant nickel plating. Male center pin contacts are gold plated brass. Female center contacts are gold plated heat treated beryllium copper. Insulation material is high density PTFE.

Kit contains

- 6737 75Ω BNC f/f Adapter
- 6738 75Ω BNC f/f/f Adapter
- 6739 75Ω BNC f/m/f Adapter
- 6740 75Ω BNC m/m Adapter
- 6754 BNC (F/M/F) Adapter, In-Line, 75Ω
- 6779 BNC (m) / f (f), 75Ω
- 6780 BNC (f) / f (f), 75Ω
- 6781 BNC (f) / F (m), 75Ω
- 6782 BNC (m) / F (m), 75Ω
- 1297 Adapter, BNC(f), Phono Plug
- 3837 BNC (f)/Tini Plug
- 4043 Adapter, BNC(M), Phono Jack
- 4267 BNC (f)/Microplug
- 5319 BNC Female to Phono Plug
- 4054 BNC (m) to Phono Jack Adapter
- 4719 BNC (f)/Bantam Plug
- 5008 BNC (f)/.090 Video Plug
- 6519 BNC TO Mini-WECO Adapter
- 3840-75 BNC (m) Resistor Terminator Plug, 75Ω



7/16 DIN Adapter Kit

Model# 6254



This kit will enable the field service technician to connect equipment that has 7/16 DIN connectors to other equipment that has Type N connectors. These connectors are not compatible, but both are commonly found on the same types of telephone equipment and test equipment.

The key feature of the 7/16 DIN connector is the extremely high resistance to inter-modulation interference. These connectors are used in cellular phone and PCS systems to reduce interference in crowded cell sites and also in radio, television and repeater sites. An assortment of the most useful adapters for conversion between 7/16 DIN and Type N.

Kit contains one each:

- 6256 7/16 DIN Male to Type N Male Adapter
 - 6257 7/16 DIN Male to Type N Female Adapter
 - 6259 7/16 DIN Female to Type N Male Adapter
 - 6260 7/16 DIN Female to Type N Female Adapter
 - 7/16 DIN Male to 7/16 DIN Female Right Angle 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.

Universal Adapter Cable

Model#	Length
5749-24	24in (0.6m)
5749-36	36in (0.9m)
5749-48	48in (1.2m)
5749-60	60in (1.5m)
5749-72	72in (1.8m)



Make cable assemblies with any of the adapters in the universal adapter kits.

50Ω RG 58C/U, 195" O.D.

BNC to Banana Plug and Binding Post Adapter Kit

Model# 5510



An assortment of many of Pomona's most popular BNC

Kit contains one each:

- BNC Female to Stacking Double Banana Plug
- BNC Male to Stacking Double Banana Plug
- BNC Male to Stackable Binding Posts
- BNC Female to Stackable Binding Posts
- BNC Female to Female
- BNC Male to Male adapters.

BNC 50Ω Attenuator Kit

Model# 5513



Kit contains five Model 4108 BNC 50Ω attenuators, one each of 3dB, 6dB, 10dB, 14dB and 20dB.

(Same as Model 4108).

BNC Female to Double Stacking Banana Plug

Model# 1269



Rating: Maximum voltage for *hands free use*: 500 Vrms*, +122°F (+50°C) max.
Material: Banana Plug Jack: brass;
Spring: heat treated beryllium copper; **Finish:** nickel plating.

4mm Safety Banana Jack to 2mm Banana Plug Adapter

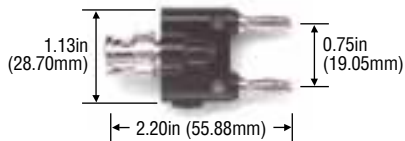
Model#	Color
72914-02	Set, Black and Red
72914-0	10 pack, Black
72914-2	10 pack, Red



Accepts 4mm safety-sheathed banana plugs.
Rating: 30 Vrms/42.4 Vpk/60 Vdc or current exceeds 8A maximum, 36A.

BNC Male to Double Stacking Banana Plug

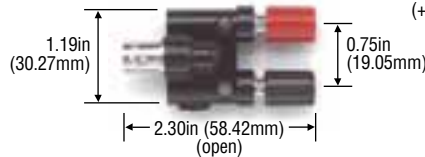
Model# 1270



Rating: Maximum voltage for *hands free use*: 500 Vrms*, +122°F (+50°C) max.
Material: Banana Plug Jack: brass;
Spring: heat treated beryllium copper; **Finish:** nickel plating.

BNC Female to Stackable Binding Posts

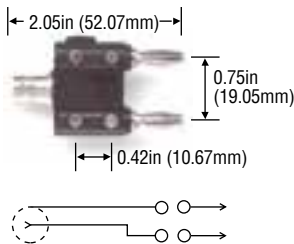
Model# 1452



Rating: Maximum voltage for *hands free use*: 500 Vrms*, +122°F (+50°C) max.

BNC Female to Double Banana Plug

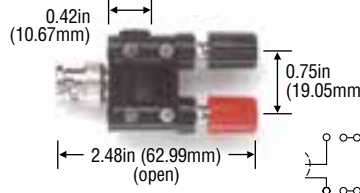
Model# 1468



4 solder turrets provide access between BNC and isolated banana plugs.
Rating: Maximum voltage for *hands free use*: 500 Vrms*, +131°F (+55°C) max.
BNC: isolated from Banana Plugs.
Material: Banana Plug Jack: brass;
Spring: heat treated beryllium copper; **Finish:** nickel plating.

BNC Male to Stackable Isolated Binding Posts with 4 Terminals

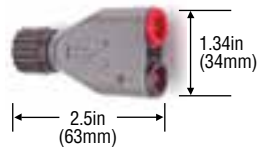
Model# 1469



4 solder turrets for component attachments.
Use to make your own attenuator, balun, or filter.
Rating: Maximum voltage for *hands free use*: 500 Vrms*, +131°F (+55°C) max.

Insulated BNC Male to Dual 4 mm Banana Plugs/Jacks

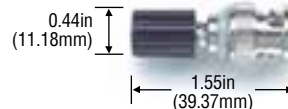
Model#	Type
72910	Plugs
72937	Jacks



Rating: 500V Cat I, 150V Cat II.

BNC Male with Binding Post

Model# 3430-*



Rating: Maximum voltage for *hands free use*: 500 Vrms*, +239°F (+115°C) max.
***Std. Colors:** -0 Black, -2 Red.

Insulated BNC Female to Dual 4 mm Banana Plugs/Jacks

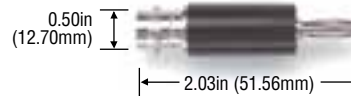
Model#	Type
72911	Plugs
72938	Jacks



Rating: 500V Cat I, 150V Cat II.

BNC Female to Single Banana Plug

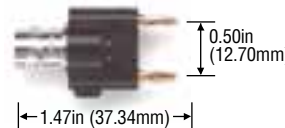
Model# 1894



Rating: *Hands free testing* in controlled voltage environment: 500 Vrms*, +122°F (+50°C) max.

BNC Female to Miniature Double Banana Plug

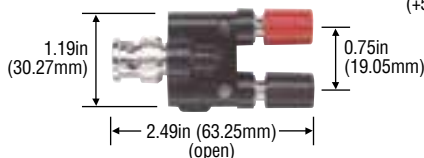
Model# 3269



Allows a BNC male to be used with equipment having 0.50in (12.70mm) spaced miniature banana jacks.
Rating: Maximum voltage for *hands free use*: 500 Vrms*, +122°F (+50°C) max.

BNC Male to Stackable Binding Posts

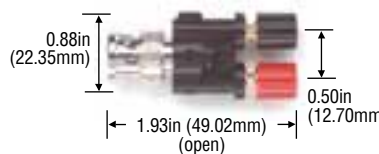
Model# 1296



Rating: Maximum voltage for *hands free use*: 500 Vrms*, +122°F (+50°C) max.

BNC Male to Miniature Stackable Binding Posts

Model# 3296



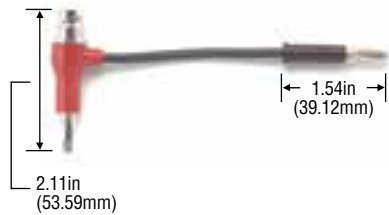
Binding posts also accept miniature double banana plugs.
Rating: Maximum voltage for *hands free use*: 500 Vrms*, +122°F (+50°C) max.

*see rating message at start of section.



BNC Female to Single Banana Plug with Ground Lead

Model# 4684



Use with equipment having banana plugs or binding posts with non-standard spacing.
18 AWG Ground wire, 2.5in (63.50mm) long.
Rating: Maximum voltage for *hands free use*: 500 Vrms*, +131°F (+55°C) max.

BNC Male/Female with DC-Blocking Series Capacitor

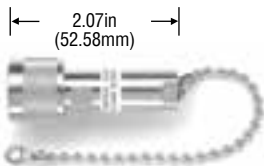
Model# 5297



Use for sensitive RF measurements.
Rating: Maximum voltage for *hands free use*: 500 Vrms*, +216°F (+102°C) max.
Capacitor: 1000 pF, 600 Vdc.

Type N Male Terminator Plugs

Model#	Ω
4240-50	50



Rating: Frequency Range DC to 500 MHz, Power: 1W @ 158°F (70°C) max.
Accuracy: 1%.

BNC Male Terminator Plugs

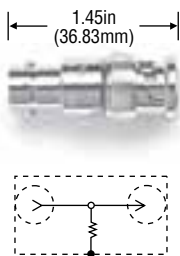
Model#	Ω
3840-50	50
3840-75	75



Rating: Frequency range dc to 500MHz, power .5W @ 158°F (70°C) max.
Accuracy: 1%.

BNC Feed-Thru Termination

Model#	Ω
4119-50	50
4119-75	75
4119-600	600



Rating: 2W Carbon film resistor.
Accuracy: 2%.
Frequency Range: DC to 500 MHz, +216°F (+102°C) max.

BNC 50Ω Attenuator

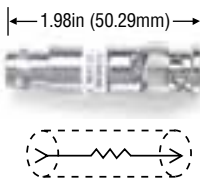
Model#	dB
4108-3dB	3dB
4108-6dB	6dB
4108-10dB	10dB
4108-14dB	14dB
4108-20dB	20dB



Rating: 2W Avg. @ 77°F (25°C) max.
50Ω impedance. Metal film resistor attenuator.

BNC In-Series Resistor Attenuator

Model#	Ω
4391-25	25
4391-50	50
4391-75	75
4391-600	600



Rating: Frequency Range DC to 500 MHz, +216°F (+102°C) max.
Add series resistance to coaxial lines.
1%, 2W, non-inductive film resistor.

BNC Within Series Adapter Kit

Model# 5511



An assortment of Pomona's popular BNC within series adapters.
Kit contains one each:
BNC Female to Female 3283
BNC T (Female/Female/Female) 3284
BNC T (Female/Male/Female) 3285
BNC Male to Male 3533
BNC Right Angle Male to Female 3534
BNC T (Male /Female/Female) 4896

BNC Shorting Cap or Dust

Model#	Type
5085	Shorting cap
3839	Dust cap



Shorting cap provides protection and supplies a short across an input.
Dust cap protects sensitive instrument inputs and is non-shorting.
Tarnish resistant plating.
3in (76.20mm) long chain.

BNC Straight RF Plugs



Fig. 1: Compression Style

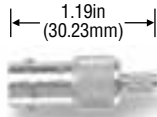


Fig. 3: Crimp Style

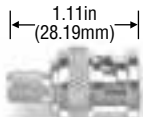


Fig. 2: Crimp Style



Fig. 4: Crimp Style

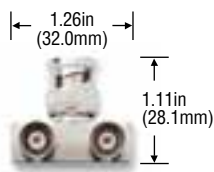


Fig. 5: Crimp Style*

Rating: Maximum voltage for *hands free use*: 500 Vrms.
BNC: *Body*: tarnish resistant nickel-plated brass; *Center Contact*: male: gold-plated brass; female: gold-plated beryllium copper; *Dielectric*: PTFE.
***Performance:** 4 GHz with VSWR of 1.3 maximum from 0 to 4GHz.
 **see data sheet on website for ratings.

Model#	Type	Fig.	Cable Group RG _{1/2} BNC
50Ω Impedance Compression			
4488	BNC (m)	1	142, 142A, 142B, 223, 58, 58A, 58C, 5B, 5BA, 5BC, 8C, 141, 141A
4997	BNC (m)	1	RG58 only
5307	BNC (m)	1	174, 174A, 179B, 187, 187A, 188, 188A, 316
50Ω Impedance Crimp			
5285	BNC (m)	2	RG58, 58A, 58C, 141, 141A
5344	BNC (f)	3	58, 58A, 58C, 141, 141A
7035*	BNC (m)	2	RG55A, 142, 142A, 223, 400
7040*	BNC (m)	2	RG179, 179B, 187, 187A, 174, 188, 188A, 316
73042**	BNC (m)	5	174, 188, 316
73043**	BNC (m)	2	8, 9, 11, 213, 214
73061	BNC (m)	5	58, 141
75Ω Impedance			
5286	BNC (m)	2	59, 59A, 59B, 62, 62A, 62B, 62C, 210
6702A	BNC (m)	4	59B, 20 AWG, Belden 1505A
6703A	BNC (m)	4	6B, 18 AWG, Belden 1694A
6704A	BNC (m)	4	59B, 23 AWG
6746A	BNC (m)	1	59, 59A, 59B, 62, 210, Belden 8241, 8263
6752A	BNC (m)	2	59A, 59B, 62, 210, Belden 8241, 8263
7042	BNC (m)	2	Belden 1407B, 1417B, 1164B, 1167B, 1418B, 11467B, 11865A

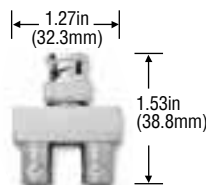
BNC within Series Adapters



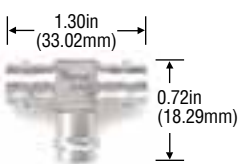
6701



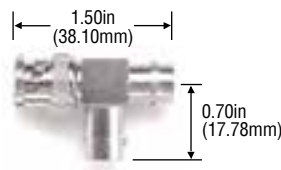
3534



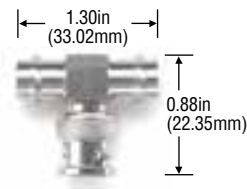
6700/6754



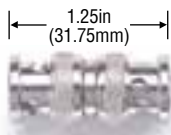
3284/6738



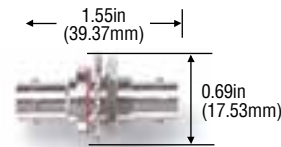
4896



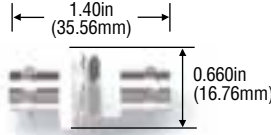
3285/6739



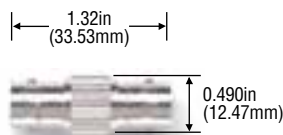
3533/6740



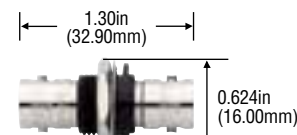
3847/6744
See Cutout



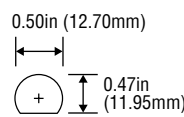
3846
See Cut-Out



3283/6737



6705



Panel Cut-Out for
3846/3847/6744

Model#	Type	Special Features
50Ω Impedance		
3283	BNC (f/f)	-
3533	BNC (m/m)	-
3285	BNC (f/m/f)	-
3284	BNC (f/f/f)	-
4896	BNC (m/f/f)	-
3534	BNC (f/m)	Right Angle
3847	BNC (f/f)	Hermetically Sealed (b)
3846	BNC (f/f)	Isolated Ground (a)
6700	BNC (f/m/f)	In-line
6701	BNC (f/m/f)	Right Angle
75Ω Impedance		
6705	BNC (f/f)	Isolated Ground (a)
6737	BNC (f/f)	-
6738	BNC (f/f/f)	-
6739	BNC (f/m/f)	-
6740	BNC (m/m)	-
6744	BNC (f/f)	Hermetically Sealed (b)
6754	BNC (f/m/f)	In-line

Notes: (a) Mounting hardware is isolated from outer conductor of BNC, (b) Leakage rate less than 10⁻⁷ cc/sec of tracer gas at one atmosphere.

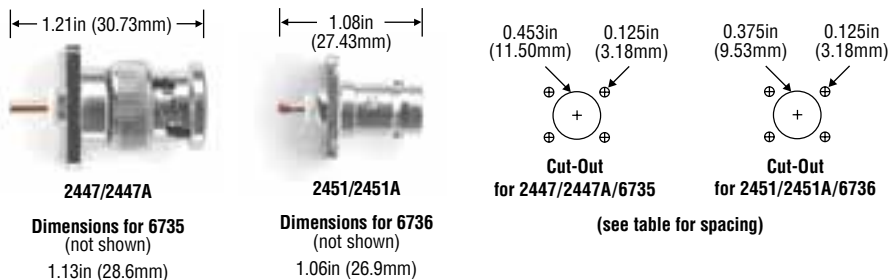
Rating: Maximum voltage for *hands free use*: 500 Vrms*, -85°F to +329°F (-65°C to +165°C).

BNC: *Shell*: tarnish resistant nickel-plated brass; *Center Contact*: male: gold-plated brass; female: gold-plated beryllium copper; *Dielectric*: PTFE.

Bandwidth: to 4 GHz.

*see rating message at start of section.

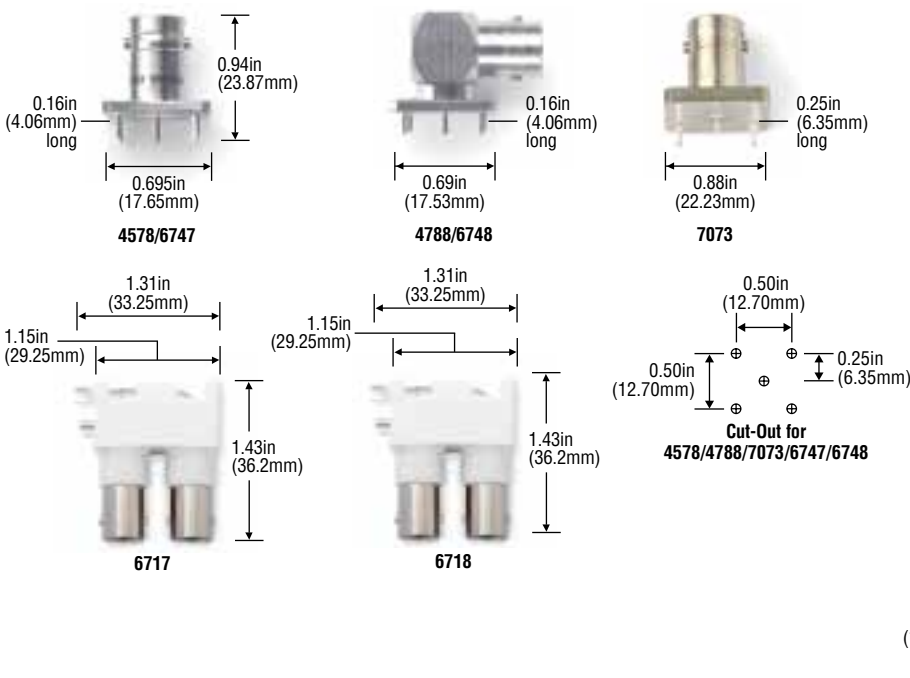
BNC Panel Receptacles



Model#	Type	Spacing
50Ω Impedance		
2447	BNC (m)	0.531in (13.46mm) hole spacing center to center
2451	BNC (f)	
2447A	BNC (m)	0.50in (12.70mm) hole spacing center to center
2451A	BNC (f)	
75Ω Impedance		
6735	BNC (m)	0.50in (12.70mm) hole spacing center to center
6736	BNC (f)	0.50in (12.70mm) hole spacing center to center

BNC: Shell: tarnish resistant nickel-plated brass; **Center Contact:** male: gold-plated brass; female: gold-plated beryllium copper; **Dielectric:** PTFE.

BNC Female PCB Mount

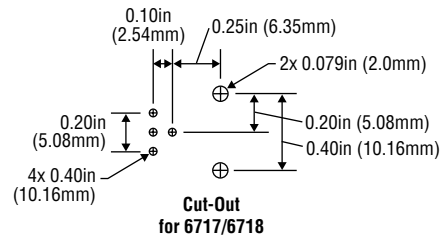


Model#	Type	Material
50Ω Impedance		
4578	Vertical BNC	-
4788	R/A BNC	Brass
6717	Dual R/A BNC	White Valox
7073*	Straight	Brass
75Ω Impedance		
6718	BNC (f)	White Valox
6747	BNC (f)	Vertical
6748	BNC (f)	Right Angle

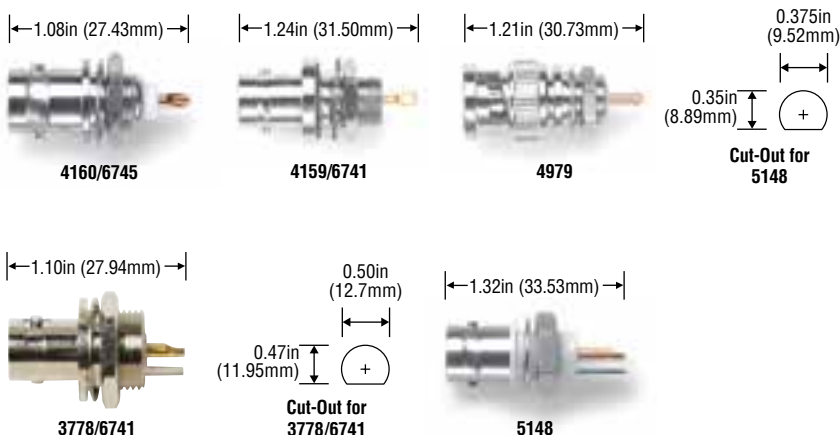
Rating: Maximum voltage for *hands free use*: 500 Vrms*, Impedance: 50Ω, -85 to +329°F (+165 to -65°C)

BNC: Body: tarnish resistant nickel-plated brass; **Contact:** gold-plated beryllium copper. **Dielectric:** PTFE.

***Performance:** 4 GHz with Vswr of 1.3 maximum from 0 to 4GHz.



BNC Bulkhead Receptacles



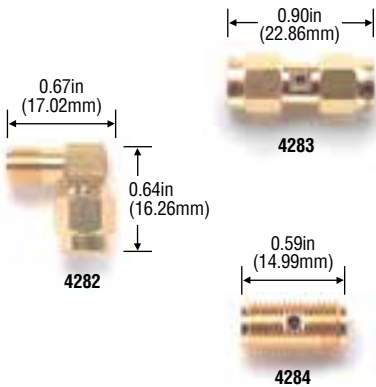
Model#	Type	Special Features	Max. Panel Thickness
50Ω Impedance			
3778	BNC (f)	Isolated Ground, Teflon Insulation	0.18in (4.57mm)
5148	BNC (f)	Isolated Ground, Valox Insulation	0.175in (4.45mm)
4159	BNC (f)	Hermetically Sealed*	0.37in (9.40mm)
4160		-	0.10in (2.54mm)
4979		-	0.19in (4.83mm)
75Ω Impedance			
6741	BNC (f)	Isolated Ground	-
6745	BNC (f)	-	-

* Leakage rate less than 10⁻⁷ cc/sec of tracer gas at one atmosphere.

BNC: Body: tarnish resistant nickel-plated brass; **Center Contact:** male: gold-plated brass; female: gold-plated beryllium copper (except as noted); **Dielectric:** PTFE.

Mounting hardware is isolated from outer conductor of BNC.

SMA within Series Adapters



Model#	Type
4282	SMA (f) to (m), Right Angle
4283	SMA (m) to (m)
4284	SMA (f) to (f)

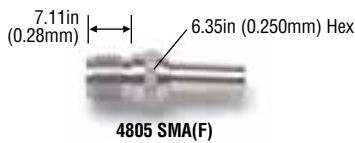
SMA: Shell: gold-plated brass; Center Contacts: gold-plated brass; Dielectric: PTFE.

Frequency Range: 4283, 4284: 12.4GHz; 4282: 12GHz.

SMA Connector



4804/4859 SMA(M)



4805 SMA(F)

Model#	Fits Cable Types
4804	RG174, 179, 187
4805	RG188, 316
4859	RG55, 142

Supplied with center conductor and sleeve.

Impedance: 50Ω.

SMA: Shell: passivated steel; Dielectric: PTFE.

SMA Male Terminator Plug



0.31in (7.87mm) Hex

Model#	4286
--------	------

Rating: Maximum voltage for hands free use: 335 Vrms*.

Impedance: 50Ω 1/2 W., 1%.

VSWR: 1.25 max. to 18GHz, 1/2 W, 85°F to +329°F (65°C to +165°C).

Resistor Terminator.

Gold-plated stainless steel with Teflon insulation.

SMA Plug, 50Ω Termination



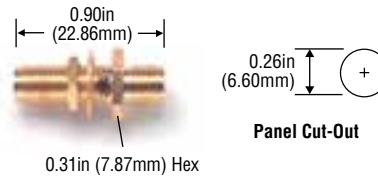
72975

Bandwidth: 0-12.4 GHz on flexible cable.

Rating: For CE compliance and personal safety, do not hold in hand when voltages exceed 30 Vrms/42.4 Vpk/60 Vdc or current exceeds 8A maximum. Maximum voltage for hands free use: 500 Vpeak: RG58, 141, 143; 375 Vpeak: RG174, 188, 316. Do not use on circuits where transient stresses can exceed the rated voltage.

Materials: Body: machined brass, gold-plated finish; Center Contacts: plug: gold-plated brass; jack: gold-plated beryllium copper.

SMA Female to Female Bulkhead Receptacle



Panel Cut-Out

Model#	4285
--------	------

SMA: Shell: gold plated brass; Center Contacts: gold plated brass; Dielectric: PTFE.

SMA Shorting Cap



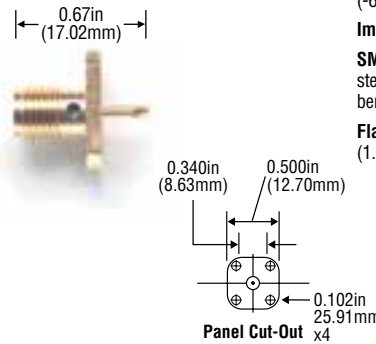
0.31in (7.87mm) Hex

Model#	5088
--------	------

Screw onto SMA female. Protects sensitive instrument inputs or provides a necessary reference short.

SMA: Shell: gold plated; Center Contacts: gold-plated steel.

SMA Female Panel Receptacle



Panel Cut-Out x4

Model#	4850
--------	------

Rating: Maximum voltage for hands free use: 335 Vrms*, -85°F to +329°F (-65°C to +165°C).

Impedance: 50Ω.

SMA: Body: gold-plated stainless steel; Center Contact: gold-plated, beryllium copper; Dielectric: PTFE.

Flange thickness: 0.065in (1.65mm).

*see rating message at start of section.

RF SMA Connectors

Bandwidth: 0-12.4 GHz on flexible cable (see data sheet on website).

Rating: For CE compliance and personal safety, do not hold in hand when voltages exceed 30 Vrms/42.4 Vpk/60 Vdc or current exceeds 8A maximum. Maximum voltage for hands free use: 500 Vpeak: RG58, 141, 143; 375 Vpeak: RG174, 188, 316. Do not use on circuits where transient stresses can exceed the rated voltage.

Materials: *Body:* machined brass, gold-plated finish; *Center Contacts:* plug: gold-plated brass; jack: gold-plated beryllium copper.

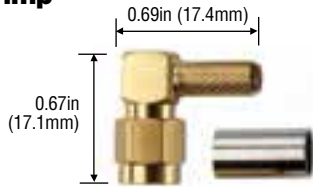
Above specifications apply to the models on this page

SMA 50Ω Plug



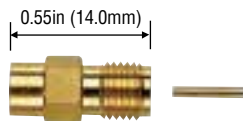
Model#	Description	Cable Group RG /U
72943	Straight Crimp	58
72944	Straight Crimp	141
72945	Straight Crimp	142, 400
72946	Straight Crimp	174, 188, 316
72950	Straight Crimp, Reverse Polarity	174, 188, 316

SMA 50Ω Plug, Right-Angle Crimp



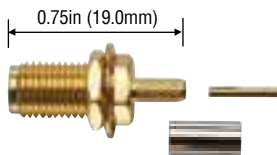
Model#	Cable Group RG /U
72958	58
72959	141, 174, 188, 316
72960	142, 400

SMA 50Ω Jack, Straight Crimp



Model#	Cable Group RG /U
72952	141
72953	142, 400
72954	174, 188, 316

SMA 50Ω Jack, Bulkhead Crimp



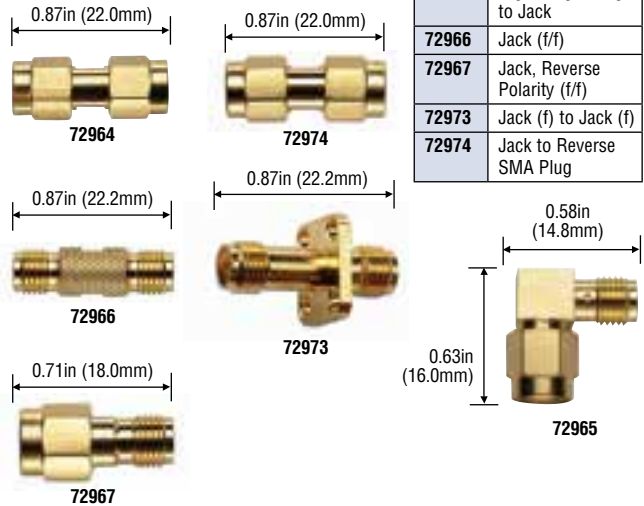
Model#	Cable Group RG /U
72956	174, 178, 188, 316

SMA 50Ω Jack, Panel Receptacle



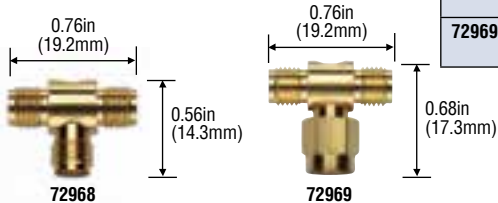
Model#	Description
72961	2 Hole
72962	4 Hole

SMA 50Ω Within Series Adapters



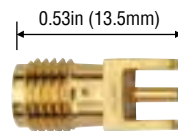
Model#	Description
72964	Plug (m/m)
72965	Right-Angle Plug to Jack
72966	Jack (f/f)
72967	Jack, Reverse Polarity (f/f)
72973	Jack (f) to Jack (f)
72974	Jack to Reverse SMA Plug

SMA 50Ω T Type



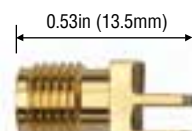
Model#	Description
72968	Jack (f)/ Jack (f)/Jack (f)
72969	Jack (f)/Plug (m)/ Jack (f)

SMA 50Ω Jack, Straight PCB Receptacle



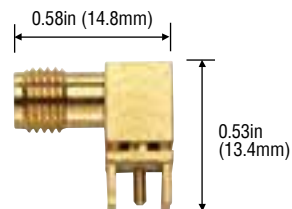
72963

SMA 50Ω Jack, Straight PCB Receptacle Edge Mount



72970

SMA 50Ω Jack, Right-Angle PCB Receptacle



72971

RF SMB Connectors

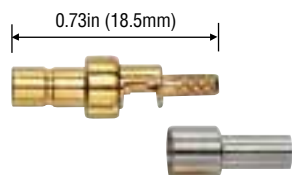
Bandwidth: 3-4 GHz, depending upon connector (see data sheet on website).

Rating: For CE compliance and personal safety, do not hold in hand when voltages exceed 30 Vrms/42.4 Vpk/60 Vdc or current exceeds 8A maximum. Maximum voltage for hands free use: 250 Vrms. Do not use on circuits where transient stresses can exceed the rated voltage.

Materials: *Body:* machined brass, gold-plated finish; *Center Contacts:* plug: gold-plated brass; *Jack:* gold-plated beryllium copper.

Above specifications apply to the models on this page except 5375

SMB Jack, Straight Crimp



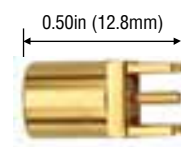
Model#	Ω	Cable Group RG /U
72983	50	178, 196
72984	50	174, 188, 316
72985	75	179, 187

SMB 50Ω Plug, Panel Receptacle



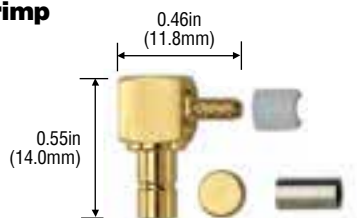
72999

SMB 50Ω Plug, Straight PCB Receptacle



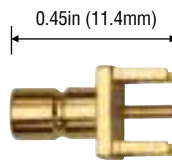
72995

SMB Jack, Right-Angle Crimp



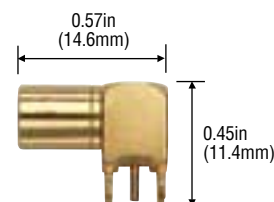
Model#	Ω	Cable Group RG /U
72991	50	178, 196
72992		174, 188, 316
72993	75	179, 187

SMB 50Ω Jack, Straight PCB Receptacle



72996

SMB 50Ω Plug, Right-Angle PCB Receptacle



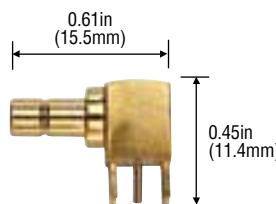
72997

SMB Plug, Straight Crimp



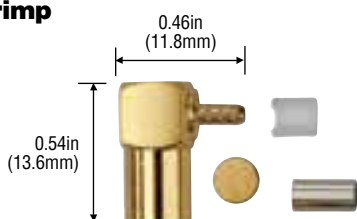
Model#	Ω	Cable Group RG /U
72980	50	178, 196
72981		174, 188, 316
72982	75	179, 187

SMB 50Ω Jack, Right-Angle PCB Receptacle



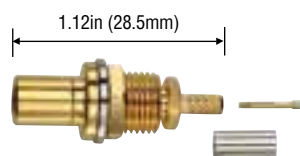
72998

SMB Plug, Right-Angle Crimp



Model#	Ω	Cable Group RG /U
72987	50	178, 196
72988		174, 188, 316
72989	75	179, 187

SMB Plug, Bulkhead



Model#	Ω	Cable Group RG /U
73000	50	174, 188, 316
73001	75	179, 187

SMB Plug Connector Crimp Type



Model# 5375

This SMB (Subminiature "B") connector snap together for quick assembly.

Fit Cable Types: RG174, 179, 187, 188, 316

Rating: Maximum voltage for *hands free use:* 335 Vrms*, -85°F to +329°F (-65°C to +165°C).

Impedance: 50Ω.

Frequency Range: DC to 4GHz.

SMB: *Shell:* tarnish resistant nickel-plated brass; *Contact:* male: gold-plated brass; female: gold-plated beryllium copper; *Dielectric:* PTFE.

*see rating message at start of section.

RF MCX Connectors

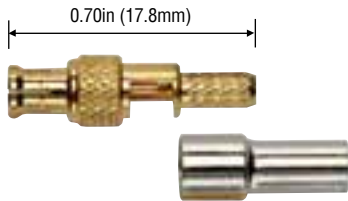
Bandwidth: 3-6 GHz, depending upon connector. (see data sheet on website.)

Working Voltage: For CE compliance and personal safety, do not hold in hand when voltages exceed 30 Vrms/42.4 Vpk/60 Vdc or current exceeds 8A maximum. Maximum voltage for *hands free use*: 170 Vrms. Do not use on circuits where transient stresses can exceed the rated voltage.

Materials: *Body:* brass, gold-plated finish; *Center Contacts:* plug: gold-plated brass; jack: gold-plated beryllium copper.

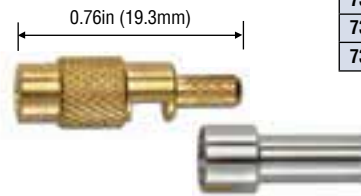
Above specifications apply to the models on this page

MCX Plug, Straight Crimp



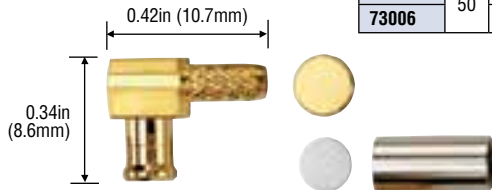
Model#	Ω	Cable Group RG /U
73002	50	174, 316
73003		178
73004	75	179

MCX Jack, Straight Crimp



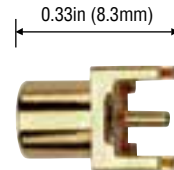
Model#	Ω	Cable Group RG /U
73010	50	174, 316
73011		178
73012	75	179

MCX Plug, Right-Angle Crimp



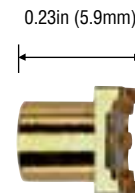
Model#	Ω	Cable Group RG /U
73005	50	174, 316
73006		178

MCX 50Ω Jack, Straight PCB Receptacle



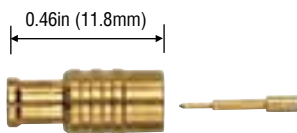
73007

MCX 50Ω Jack, Straight Surface Mount Receptacle



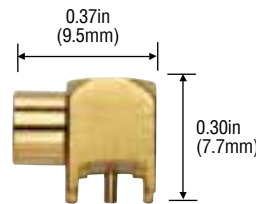
73018

MCX Plug, Straight Semi-Rigid Crimp



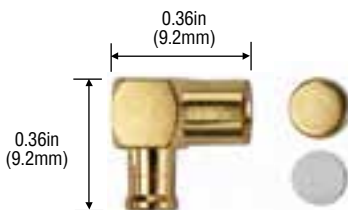
Model#	Ω	Cable Group RG /U
73014	50	402
73015		405

MCX 50Ω Jack, Right-Angle PCB Receptacle



73008

MCX Plug, Right-Angle Semi-Rigid Crimp



Model#	Ω	Cable Group RG /U
73016	50	402
73017		405

RF MMCX Connectors

Bandwidth: 3-6 GHz, depending upon connector (see data sheet on website).

Working Voltage: For CE compliance and personal safety, do not hold in hand when voltages exceed 30 Vrms/42.4 Vpk/60 Vdc or current exceeds 8A maximum. Maximum voltage for hands free use: 170 Vrms. Do not use on circuits where transient stresses can exceed the rated voltage.

Materials: Body: brass, gold-plated finish; Center Contacts: plug: gold-plated brass; jack: gold-plated beryllium copper.

Above specifications apply to the models on this page

MMCX 50Ω Plug, Straight Crimp

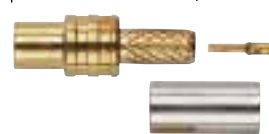
0.57in (14.6mm)



Model#	Cable Group RG /U
73023	174, 316
73024	178

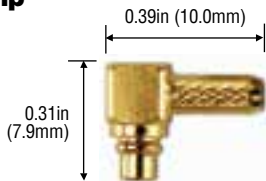
MMCX 50Ω Jack, Straight Crimp

0.52in (13.3mm)



Model#	Cable Group RG /U
73029	174, 316
73030	178

MMCX 50Ω Plug, Right-Angle Crimp



Model#	Cable Group RG /U
73025	174, 316
73026	178

MMCX 50Ω Jack, Straight Semi-Rigid Crimp

0.53in (13.4mm)



Model#	Cable Group RG /U
73037	405

MMCX 50Ω Plug, Straight Semi-Rigid Crimp

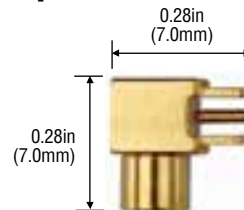
0.53in (13.5mm)



Model#	Cable Group RG /U
73034	402
73035	405

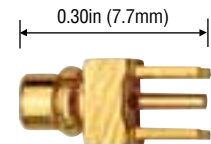
MMCX 50Ω Jack, Right-Angle PCB Receptacle

73028

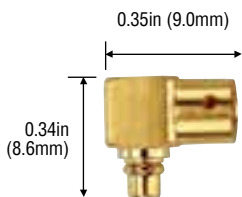


MMCX 50Ω Plug, Straight Edgecard

73038



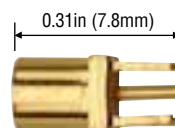
MMCX 50Ω Plug, Right-Angle Semi-Rigid Crimp



Model#	Cable Group RG /U
73032	402
73033	405

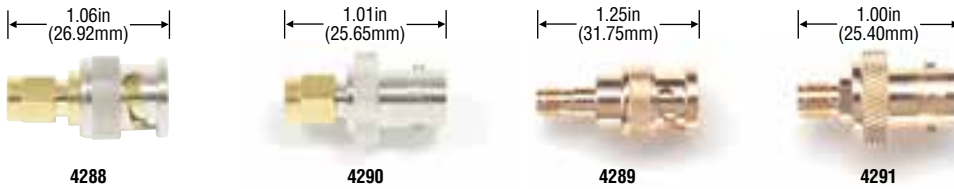
MMCX 50Ω Jack, Straight Edgecard

73039



*see rating message at start of section.

SMA to BNC



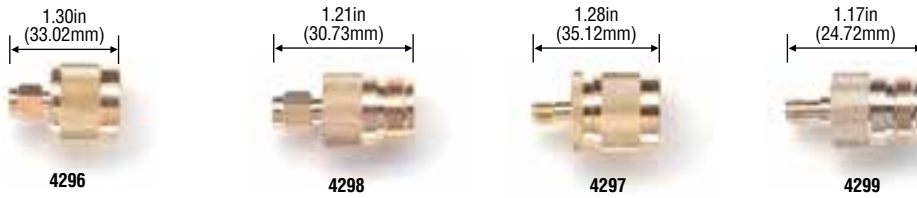
Model#	Type
4288	SMA (m) to BNC (m)
4290	SMA (m) to BNC (f)
4289	SMA (f) to BNC (m)
4291	SMA (f) to BNC (f)

Rating: Maximum voltage for *hands free use*: 335 Vrms*.

Impedance: 50Ω.

SMA: *Shell*: gold-plated brass; *Center Contacts*: male: gold-plated brass; female: gold-plated beryllium copper; *Dielectric*: PTFE.

SMA to Type N



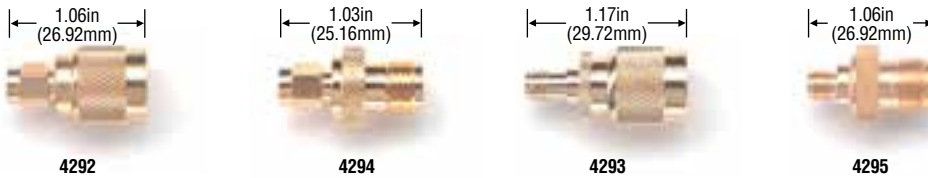
Model#	Type
4296	SMA (m) to type N (m)
4298	SMA (m) to type N (f)
4297	SMA (f) to type N (m)
4299	SMA (f) to type N (f)

Rating: Maximum voltage for *hands free use*: 335 Vrms*.

Impedance: 50Ω.

Material: *Shell*: gold-plated brass; *Center Contacts*: gold-plated brass; *Dielectric*: PTFE.

SMA to TNC



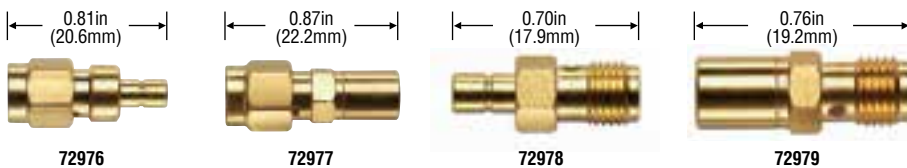
Model#	Type
4292	SMA (m) to TNC (m)
4294	SMA (m) to TNC (f)
4293	SMA (f) to TNC (m)
4295	SMA (f) to TNC (f)

Maximum voltage for *hands free use*: 335 Vrms*.

Impedance: 50Ω.

Material: *Shell*: gold-plated brass; *Center Contacts*: gold-plated brass; *Dielectric*: PTFE.

SMA to SMB



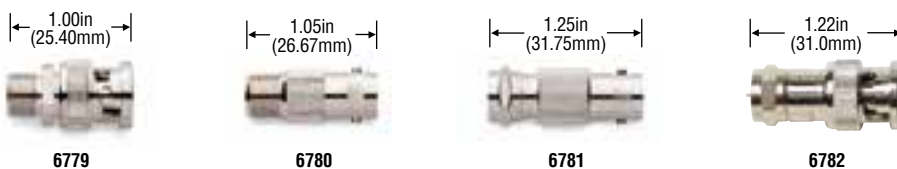
Model#	Type	
72976	SMA (m) to SMB (m)	50
72977	SMA (m) to SMB (f)	
72978	SMA (f) to SMB (m)	
72979	SMA (f) to SMB (f)	

Bandwidth: 0-12.4 GHz on flexible cable.

Rating: For CE compliance and personal safety, do not hold in hand when voltages exceed 30 Vrms/42.4 Vpk/60 Vdc or current exceeds 8A maximum. Maximum voltage for *hands free use*: 500 Vpeak: RG58, 141, 143; 375 Vpeak: RG174, 188, 316. Do not use on circuits where transient stresses can exceed the rated voltage.

Materials: *Body*: machined brass, gold-plated finish; *Center Contacts*: plug: gold-plated brass; jack: gold-plated beryllium copper.

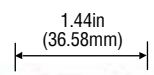
BNC to F



Model#	Type
6779	BNC (m)/F (f)
6780	BNC (f)/F (f)
6781	F (m)/BNC (f)
6782	BNC (m)/F (m)

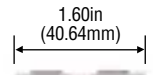
BNC: *Shell*: tarnish resistant nickel-plated brass; *Center Contact*: male: gold-plated brass; female: gold-plated beryllium copper (except as noted); *Dielectric*: PTFE.

Type N Adapters



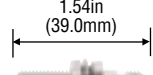
1.44in
(36.58mm)

3841



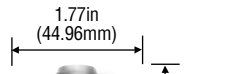
1.60in
(40.64mm)

3842



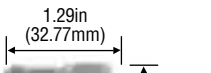
1.54in
(39.0mm)

73045*



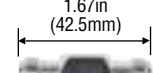
1.77in
(44.96mm)

5089



1.29in
(32.77mm)

3843



1.67in
(42.5mm)

73044*



1.43in
(36.4mm)

Model#	Type
3841	N (f/f)
3842	N (m/m)
3843	N (f/m)
5089	N (f/f/f)
73044*	N (m/f/m)
73045*	N (f/f) Pressurized Bulkhead

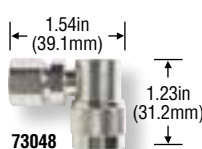
N: Body: nickel plated or bronze-plated white brass; Center Contact: male: gold-plated brass, female: beryllium copper or phosphor bronze, gold-plated; Dielectric: PTFE.

Impedance: 50Ω.

Rating: Maximum voltage for hands free use: 1,000 Vrms*.

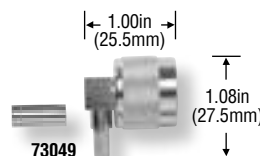
*see data sheet on website for ratings

Type N Male 50Ω Connectors



1.54in
(39.1mm)

73048



1.00in
(25.5mm)

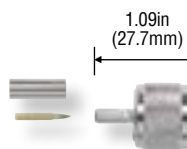
73049

1.08in
(27.5mm)

Model#	Type	Cable Group RG_/U BNC	Rating
73048	N (m) Right Angle	214, 225, 393	1000V
73049	N (m) Right Angle	55, 142, 223	1500V
73050	N (m)	58, 141	1500V
73051	N (m)	8, 213	1500V
73052	N (m) Semi-Rigid	402	1500V
73062	N (m)	8, 9, 144, 165, 213, 214, 216, 225	1000V

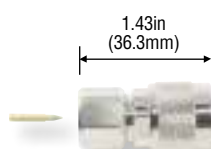
N: Body: nickel-plated brass; Center Contact: gold-plated brass; Dielectric: PTFE.

Impedance: 50Ω.



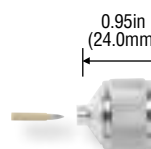
1.09in
(27.7mm)

73050



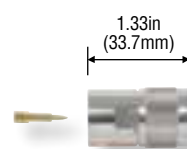
1.43in
(36.3mm)

73051



0.95in
(24.0mm)

73052



1.33in
(33.7mm)

73062

Type N Male Straight RF Connector Crimp

Model# 7057

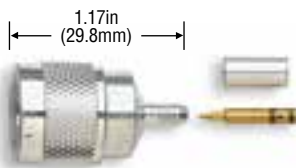
Fit Cable Types: RG55, 142, 223, 400.

Impedance: 50Ω.

N: Body: bronze-plated white brass; Center Contact: male: gold-plated brass; female: gold-plated heat treated beryllium copper; Dielectric: PTFE.

Performance: 11 GHz with Vswr of 1.3 maximum from 0 to 11 GHz.

Use with crimp die set model 7281, crimp tool model 7277.



1.17in
(29.8mm)

Type N Male Connectors

Model# 4787

Fit Cable Types: RG58 and 142, 223, 141, 400.

N: Body: bronze-plated white brass; Center Contact: male: gold-plated brass; female: gold-plated beryllium copper; Dielectric: PTFE.

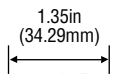
Impedance: 50Ω.

Rating: Maximum voltage for hands free use: 1,000 Vrms*.



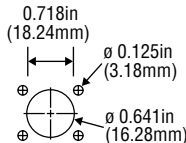
1.37in
(34.80mm)

Type N Panel Mount Receptacle



1.35in
(34.29mm)

2455

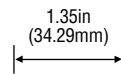


0.718in
(18.24mm)

ø 0.125in
(3.18mm)

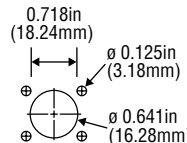
ø 0.641in
(16.28mm)

Panel Cut-Out for 2455



1.35in
(34.29mm)

4956



0.718in
(18.24mm)

ø 0.125in
(3.18mm)

ø 0.641in
(16.28mm)

Panel Cut-Out for 4956

Model#	Type
2455	N (f)
4956	N (f)

N: Body: bronze-plated white brass; Center Contact: female: gold-plated beryllium copper; Dielectric: PTFE.

Impedance: 50Ω.

Rating: Maximum voltage for hands free use: 1,000 Vrms*.

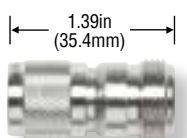
Type N to TNC

Model#	Type
73046	N (f)/TNC (m)

N/TNC: Body: nickel-plated brass; Center Contact: gold-plated phosphor bronze; Insulators: PTFE.

Impedance: 50Ω.

Rating: Maximum voltage for hands free use: 1500 V.



1.39in
(35.4mm)



Type N to UHF

Model#	Type
73047	N (f)/UHF (m)

N/UHF: Body: nickel-plated brass; Center Contact: gold-plated phosphor bronze; Insulators: PTFE.

Rating: Maximum voltage for hands free use: 750 V.

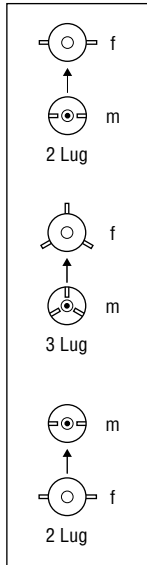


1.38in
(35.1mm)

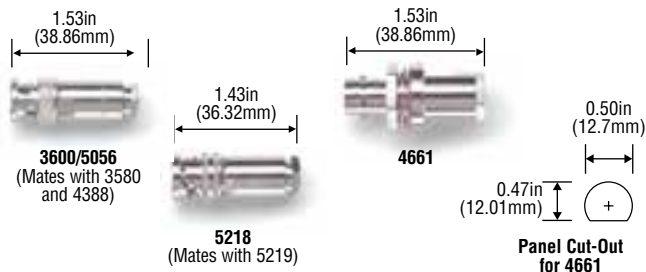


*see rating message at start of section.

*see data sheet on website for ratings.



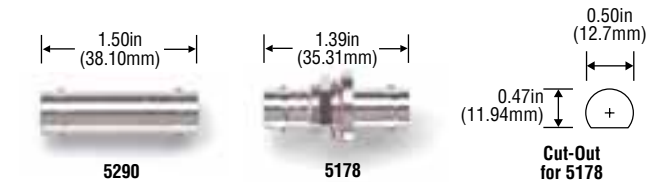
Triaxial Cable Plugs and Jacks



Model#	Lugs	Max. Panel Thickness	Fits Cable Types
3600	2 Lug (m)	-	Belden twinaxial 9272 0.242in (6.15mm) O.D.
4661	2 Lug (f)	0.14in (3.56mm)	Microdot 293-3930 0.175in (4.45mm) O.D.
5056	2 Lug (m)	-	Belden triaxial 9222
5218	3 Lug (m)	-	0.242in (6.15mm) O.D.

Triaxial: *Body/Fittings:* tarnish resistant nickel-plated brass; *Center Contact:* male: gold-plated brass; female: gold-plated beryllium copper; *Outer Contact:* gold-plated beryllium copper; *Dielectric:* PTFE.

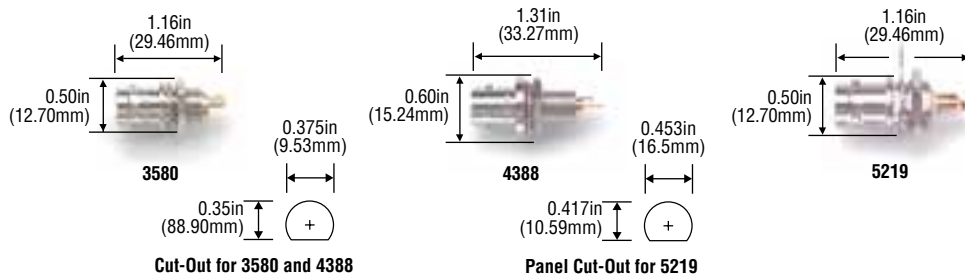
Triaxial Adapters



Model#	Lugs	Max. Panel Thickness
5178	2 Lug (f)	0.25in (6.35mm)
5290	2 Lug (f)	-

Triaxial: *Body/Fittings:* tarnish resistant nickel-plated brass; *Center Contact:* female: gold-plated beryllium copper; *Outer Contact:* gold-plated beryllium copper; *Dielectric:* PTFE.

Triaxial Female Bulkhead Receptacles



Model#	Lugs	Max. Panel Thickness
3580	2 lug (f)	0.25in (6.35mm)
4388*	2 lug (f)	0.25in (6.35mm)
5219	3 lug (f)	0.14in (3.56mm)

*Hermetically sealed leakage less than 10-7 cc/sec tracer gas at one atmosphere.

Triaxial: *Body/Fittings:* tarnish resistant nickel-plated brass; *Center Contact:* female: gold-plated beryllium copper; *Outer Contact:* gold-plated beryllium copper; *Dielectric:* PTFE.

Twinax Cable Plug

Model# 4957

Use on twinaxial cable types RG108 and Belden 9272. Polarized Contact (One Male, One Female).

Rating: Maximum voltage for *hands free use:* 500 Vrms*, -85 to +329°F (-65 to +165°C).

Material: *Body:* tarnish resistant nickel-plated brass; *Contact:* male: gold-plated brass; female: gold-plated beryllium copper; *Dielectric:* PTFE.



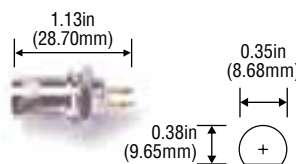
Twinax Bulkhead Receptacle

Model#	Max. Panel Thickness
4958	0.13in (3.30mm)

Rating: Maximum voltage for *hands free use:* 500 Vrms*, -85 to +329°F (-65 to +165°C).

Polarized Contact (One Male, One Female).

Material: *Body:* tarnish resistant nickel-plated brass; *Contact:* male: gold-plated Bbrass; female: gold-plated beryllium copper; *Dielectric:* PTFE.

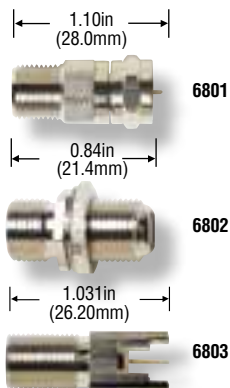


Panel Cut-Out

F Adapters and PCB Mount Connectors

Model#	Type
6801	F (M/F) In-Line adapter
6802	F (F/F) Bulkhead adapter
6803	F (F) PCB mount connector

Material: These 75 Ω connectors are designed for fast installation with no crimping. Connectors are precision machined brass with nickel plating and gold plated center contacts.

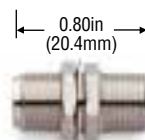


F Female to Female Bulkhead Receptacle

Model# 6706

In line, with nut and washer

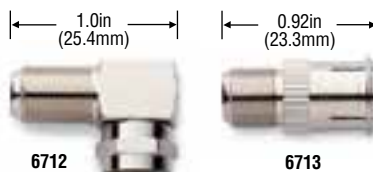
Material: Machined, nickel-plated brass.



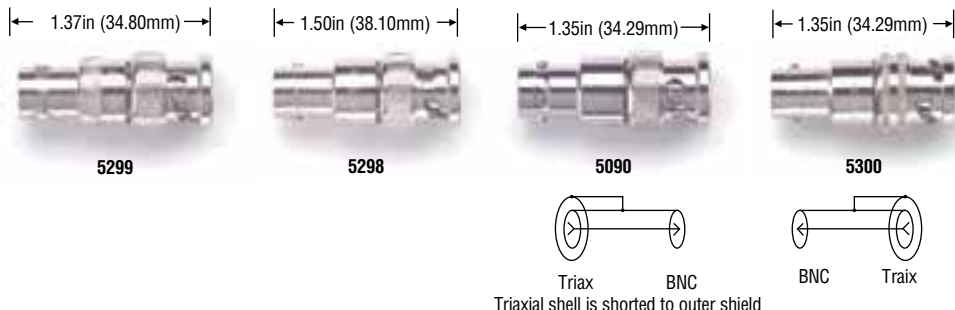
F within Series Adapters

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

Material: Machined, nickel-plated brass.



Triaxial to BNC



Model#	Type
5299	3 Lug Triax (f)/BNC (m) adapter
5298	2 Lug Triax (f)/BNC (m) adapter
5090	BNC (f)/2 Lug Triax (m) adapter
5300	BNC (f)/3 Lug Triax (m) adapter

Triaxial: Body: tarnish resistant nickel-plated brass; Center Contact: male: gold-plated brass; female: gold-plated beryllium copper; Outer Contact: gold-plated beryllium copper; Dielectric: PTFE.

BNC to TNC



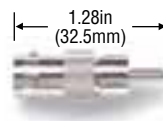
Model#	Type
3844	BNC (f)/TNC (m)

Rating: Maximum voltage for *hands free use*: 500 Vrms*, -85°F to +325°F (-65°C to +165°C) (except as noted).

Impedance: 50Ω (except as noted).

BNC: Shell: tarnish resistant nickel-plated brass; Center Contact: male: gold-plated brass; female: gold-plated beryllium copper (except as noted); Dielectric: PTFE.

BNC Female to Phono (RCA) Male

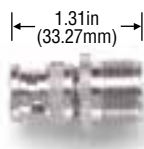


Model#
5319

Rating: *Hands free testing* in controlled voltage environment: 500 Vrms*, 216°F (+102°C) max.

BNC: Center Contact: gold-plated.

UHF to BNC



Model#	Type	Special Features
3287	BNC (m)/UHF (f)	Phos. Bronze Contact Nonconstant Impedance
3286	BNC (f)/UHF (m)	Nonconstant Impedance

Rating: Maximum voltage for *hands free use*: 335 Vrms*, -85 to +325°F (-65 to +165°C) (except as noted).

Impedance: 50Ω (except as noted).

UHF: Shell: tarnish resistant nickel-plated brass; Center Contact: male: gold-plated brass; female: gold-plated beryllium copper (except as noted); Dielectric: PTFE.



BNC Male to Phono Jack



Model#
4054

Rating: *Hands free testing* in controlled voltage environment: 500 Vrms*, +257°F (+125°C) max.

Type N to BNC



Model#	Type	Special Features
3535	BNC (m)/N (f)	
3288	BNC (f)/N (m)	Beryllium Copper Male Contact

Rating: Maximum voltage for *hands free use*: 500 Vrms max., -85 to +325°F (-65 to +165°C) (except as noted).

Impedance: 50Ω (except as noted).

N: Shell: tarnish resistant nickel-plated brass; Center Contact: male: gold-plated brass; female: gold-plated beryllium copper (except as noted); Dielectric: PTFE.



BNC Female to Two Conductor, 0.14in (3.5mm) Dia. Mini Phone Plug



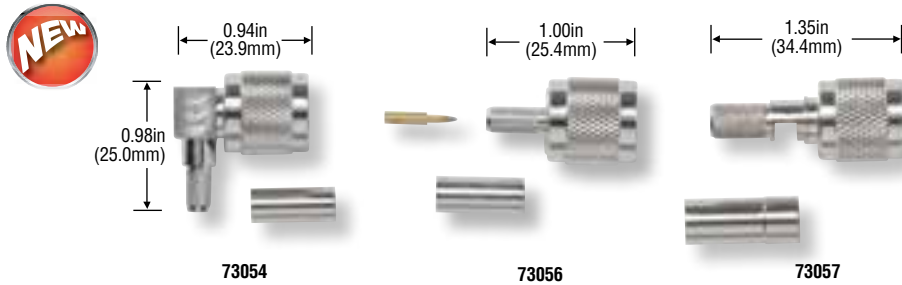
Model#
3837

Rating: *Hands free testing* in controlled voltage environment: 500 Vrms*, +257°F (+125°C) max.

Convert 2 conductor audio jacks to BNC.

*see rating message at start of section.

TNC Connectors



Model#	Type	Cable Group RG_/U BNC
73054	TNC (m) Right Angle	55, 142, 223, 400
73056	TNC (m)	58, 141
73057	TNC (m)	59, 62

N: Body: nickel-plated brass; Center Contact: gold-plated brass; Insulators: PTFE.
Impedance: 50Ω.
Rating: Maximum voltage for hands free use: 1500 V.

TNC Adapter



Model#	Type
73053	TNC (f/m) Right Angle

N/TNC: Body: nickel-plated brass; Center Contact: male: gold-plated brass, female: gold-plated phosphor bronze; Insulators: PTFE.
Impedance: 50Ω.
Rating: Maximum voltage for hands free use: 1500 V.

UHF Connectors



Model#	Type	Cable Group RG_/U
73059	UHF (m)	8, 9, 11, 63, 87A, 213, 214, 225

UHF: Body: nickel-plated brass; Center Contact: gold-plated phosphor bronze; Insulators: PTFE.
Rating: Maximum voltage for hands free use: 750 V.

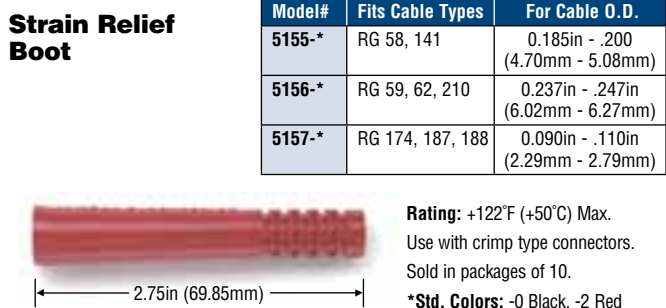
UHF Adapter



Model#	Type
73058	UHF (f/f)

UHF: Body: nickel-plated brass; Center Contact: gold-plated phosphor bronze; Insulators: PTFE.
Rating: Maximum voltage for hands free use: 750 V.

Strain Relief Boot



Model#	Fits Cable Types	For Cable O.D.
5155-*	RG 58, 141	0.185in - .200 (4.70mm - 5.08mm)
5156-*	RG 59, 62, 210	0.237in - .247in (6.02mm - 6.27mm)
5157-*	RG 174, 187, 188	0.090in - .110in (2.29mm - 2.79mm)

Rating: +122°F (+50°C) Max.
 Use with crimp type connectors.
 Sold in packages of 10.
***Std. Colors:** -0 Black, -2 Red

BNC Male with Strain Relief Boot



Make your own cable with strain relief.
 5076: Black boot with nut only.
 For use with connectors using a 7/16-28 clamp nut. Simply replace supplied nut with the one on the boot.
Rating: Maximum voltage for hands free use: 500 Vrms*, +122°F (+50°C) max.

Model#	Fits Cable Types	For Cable O.D.
5066-*	RG 58, 141	0.185in - 0.200 (4.70mm - 5.08mm)
5068-*	RG 174, 187, 188	0.090in - 0.110in (2.29mm - 2.79mm)
5076-*	RG 58, 141	0.185in - 0.200in (4.70mm - 5.08mm)

*Available in -0 black only