

Coaxial Cabling Tutorial

What is Coaxial Cabling?

A coaxial cable is a two conductor electrical cable consisting of a center conductor and an outer conductor with an insulating spacer between the two.

How is Coaxial Cabling used?

Primarily, coaxial cables are used for the transmission of Radio Frequency energy. The system offers tight control over electrical impedance. This yields excellent performance at high frequencies and superior EMI control/shielding.

Where is Coaxial Cabling used?

A broad range of applications exist for coaxial cabling. The two primary impedance values of 50 and 75 Ohms determine specific applications with 50 Ohms primarily used in data signal applications and 75 Ohms used in video signal applications.

Coaxial Cabling Terms

Attenuation (Insertion Loss): Loss of power. Attenuation is usually measured in dB loss per length of cable (ex. 31.0 dB/100ft.). Attenuation increases as frequency increases.

Bend Radius: The amount of radius a cable can bend without any adverse effects.

Center Conductor: The solid or stranded wire in the middle of the coaxial cable. The conductor diameter is measured by the American Wire Gauge (AWG).

Coaxial Adapter: A device used to change one connector type to another or one gender to another (ex. BNC to SMA Adapter).

Coaxial Cable: A two conductor cylindrical transmission line typically comprised of a center conductor, an insulating dielectric material and an outer conductor (shielding). Coaxial cable can be flexible (typical to the assemblies found in this catalog), semi-rigid or rigid in nature.

Coaxial Connector: The interconnection device found at each end of a coaxial cable assembly. There are many common types of coaxial connectors such as: BNC, SMA, SMB, Type F, etc.

Dielectric: The insulating material that separates the center conductor and shielding.

Electromagnetic Interference (EMI): Electrical or electromagnetic energy that disrupts electrical signals.

Frequency: Number of times a periodic action occurs in one second. Measured in Hertz.

Impedance: The opposition to the flow of alternating or varying current. Measured in Ohms. Two common impedance values are 50 Ohms used primarily for data and 75 Ohms used to transmit video signals.

Insertion Loss: A measurement of attenuation determined by the system output before and after the connection of a cable and/or device.

Jack: The female connector usually containing a center socket.

Microwave Frequencies: Microwave frequencies range from Ultra-High Frequency (UHF) .3-3 GHz, Super High Frequency (SHF) 3-30 GHz to Extremely High Frequency (EHF) 30-300 GHz.

MIL-C-17: MIL-C-17 is a specification document that has been used since the 1940s to standardize the physical and electrical characteristics of coaxial cables. There is no longer any control of RG specifications so cables may perform differently than the cables that adhere to MIL-C-17.

Plug: The male connector usually containing a center pin.

RF (Radio Frequency): A frequency band from 3 MHz to 300 GHz. Primarily used for transmission of radio and television signals.

RG/U: A designation that originated with a US Government specification. No longer in effect.

Currently used as a general reference. (R=Radio Frequency, G=Guide, U=Universal Specification). Letters that appear before the /U characters (i.e. A, B or C) means a specification modification or revision. For instance, it is common in the CB industry to see the designation RG-58A/U. The original RG-58/U coaxial cable had a solid center conductor. The "A" modification replaced the solid center conductor with a more flexible stranded center conductor (that is highly recommended for use in mobile installations). Other designators often seen are: A = Modification to the Solid Core Material Specification, B = Modification to the Outer Jacket Specification, C = Modification of the Dielectric Insulator Specification. These designators are not precise and specifications may vary from one vendor to another.

Shielding: Conductive envelope made of wires or metal foil that covers the dielectric and the center conductor.

Twinaxial: An offshoot of coaxial cabling. Two center conductors with one dielectric and braided shielding.

Velocity of Propagation (VP): Usually expressed as a percentage, VP is the transmission speed of electrical energy in a determined length of cable compared to the speed of light.

VSWR (Voltage Standing Wave Ratio): The ratio of the maximum effective voltage to the minimum effective voltage measured along a RF transmission line. This value generally increases with frequency and higher values are not desirable.

Common Applications for Coaxial Cable Assemblies



Entertainment Systems

Coaxial cable assemblies are used extensively to connect a wide variety of home and commercial entertainment products. Entertainment equipment such as monitors, TVs, cameras, recording equipment and broadcast equipment are interconnected using coaxial cables.

Common cable types:
75Ω - RG6 or RG59

Common connectors:
BNC, F and RCA



GPS

Global Positioning Systems utilize coaxial cable for connections between receiving antennas and other related equipment.

Common cable types:
50Ω - RG58, RG174, RG188 or RG316

Common connectors:
TNC, N, MCX, MMCX and SMA



Video Systems

The transmission of a video signal from a video camera to a display monitor is typically through coaxial cable.

Common cable types:
75Ω - RG59, RG59A/U, RG59B/U or RG179

Common connectors:
BNC, F and RCA



Telecom

The infrastructure of most telecommunication systems relies heavily on coaxial cabling. Cell towers, communications equipment and base station facilities are typical examples of coaxial cable interconnection applications.

Common cable types:
50Ω - RG58, RG223 and RG213

Common connectors:
BNC, TNC and Type N



WAN/LAN

Wide Area Networks and Local Area Networks often utilize coaxial cable for equipment interconnections. Also, reverse polarized connectors are found on many wireless antenna connections.

Common cable types:
50Ω - RG174, RG58

Common connectors:
BNC

Typical Coaxial Cabling (Exploded View):

Center Conductor:
The main signal path. Can be solid or stranded wire.

Shielding:

One of the two conductors in coaxial cable. Braid or braid + foil is typical.

Dielectric:

Insulating material isolates shield from center conductor. This also gives the cable its impedance property.

Jacket:

Insulates and protects shielding and center conductor. Extruded PVC is typical.

Typical Coaxial Connector (BNC Exploded View):

Center Pin:

Terminates to center conductor via crimping or soldering.

Ferrule:

Provides mating surface for coaxial shielding.

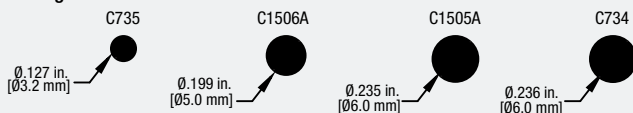
Connector (Plug) Body:

Nickel plated brass is typical.

Crimp Sleeve:

Provides strain relief by securing braid to connector.

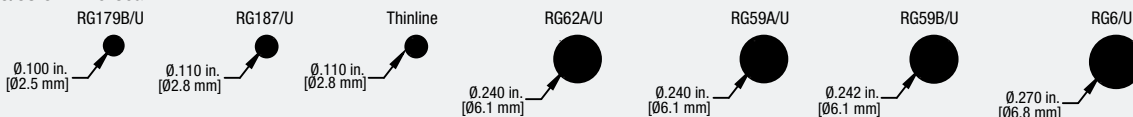
75 Ohm Digital Rated



Coaxial Cable Sizing Chart

This chart illustrates the diameter difference between different types of coaxial cable. The drawings below are shown in actual size.

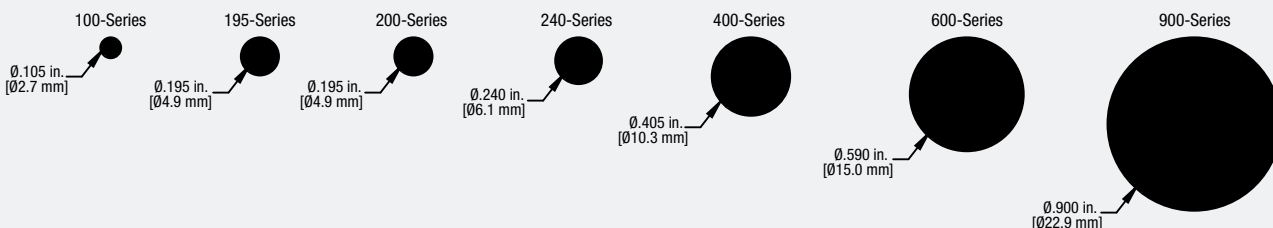
75/98 Ohm RG Coax



50 Ohm RG Coax



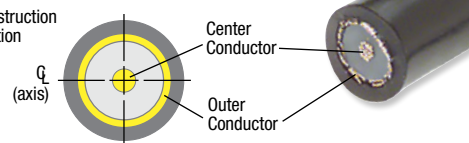
50 Ohm Low-Loss Coax



Understanding Coaxial Cable

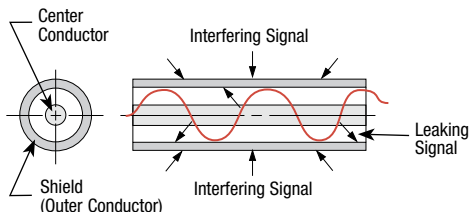
Coaxial is a term derived from the construction of the cable, as illustrated here. In a coaxial cable an electrical impulse signal is transmitted along the cable length between the center conductor and the outer conductor. The center conductor and the outer conductor share the same center line or axis hence the term coaxial.

Cable Construction Cross Section



Shielding Effectiveness is the relative ability of a shield to screen out undesirable interference. In coaxial cable, the outer conductor provides a shield to keep interfering signals from getting in and to keep signals from leaking out to become undesirable interference for nearby devices. Shielding Effectiveness is measured in dB with higher values indicating better shielding properties. The table below illustrates the relative shielding properties of various shielding types.

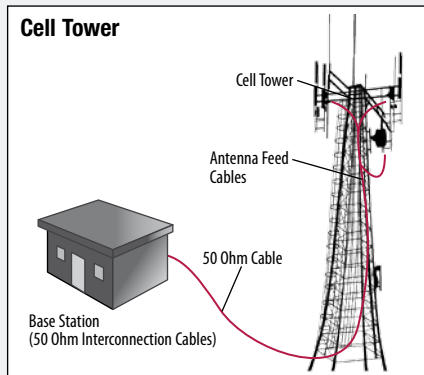
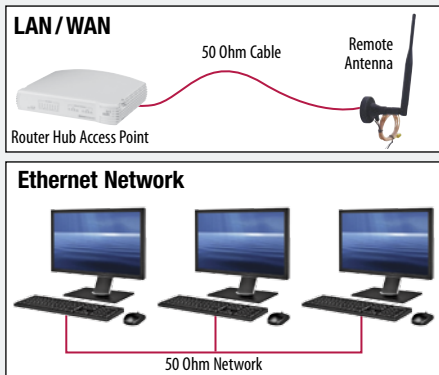
Notice as the shielding density increases there is a correlated increase in the shielding effectiveness value. The best shielding effectiveness value can be found in a rigid coaxial cable due to the solid tube construction of the outer jacket. In this type of cable the limiting factor for shielding effectiveness is the quality of the connector attachment.



Shielding Type			
Single Braid Shield (95% coverage)	Single Braid Shield (60%) + Foil Wrap (100%)	(2) Braids (60%) + (2) Foil Wraps (100%)	Conformable Cable
Approximate Shielding Effectiveness Value			
-55dB	-90dB	-110dB	-150dB

Tip *When is 50 Ohm coaxial cable used?*

The primary use of 50 Ohm coaxial cable is transmission of a data signal in a two-way communication system. Some of the common applications for 50 Ohm coaxial cable are computer Ethernet backbones, wireless antenna feed cables, GPS (Global Positioning Satellite) antenna feed cables and cell phone systems. The cable assemblies offered in this section cover the most common RG style cables and connector interfaces that are used in these applications.



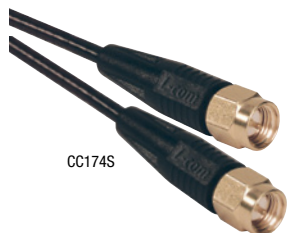
50 Ohm RG Series Coaxial Cables

Inline SMA Plug to Inline SMA Plug							
Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
RG174/U Center Conductor: 26 AWG bare copper covered steel Min. Bend Radius: 0.47" (12mm) Jacket: Black PVC Operating Temperature: -40°C - +75°C	.110in. (2.8mm)	0.5ft (0.15m)	CC174S-05	20.15	18.94	17.74	CALL
		1.0ft (0.3m)	CC174S-1	20.36	19.14	17.92	CALL
		1.5ft (0.45m)	CC174S-1.5	20.52	19.29	18.05	CALL
		2.0ft (0.6m)	CC174S-2	20.67	19.43	18.19	CALL
		2.5ft (0.75m)	CC174S-2.5	20.83	19.58	18.33	CALL
RG188A/U Center Conductor: 26 AWG silver coated copper covered steel Min. Bend Radius: 0.50" (12.7mm) Jacket: White TFE taped Operating Temperature: -70°C - +200°C	.108in. (2.7mm)	1.0ft (0.3m)	CCS188A-1	16.79	16.11	15.44	CALL
		1.5ft (0.45m)	CCS188A-1.5	17.36	16.66	15.97	CALL
		2.0ft (0.6m)	CCS188A-2	17.93	17.21	16.49	CALL
		2.5ft (0.75m)	CCS188A-2.5	18.50	17.76	17.02	CALL
		3.0ft (0.9m)	CCS188A-3	19.07	18.30	17.54	CALL
RG316/U Center Conductor: 26 AWG silver coated copper covered steel Min. Bend Radius: 0.51" (13mm) Jacket: Brown FEP Operating Temperature: -70°C - +200°C	.098in. (2.5mm)	0.67ft (0.2m)	CCS316-08	16.42	15.77	15.11	CALL
		1.0ft (0.3m)	CCS316-1	16.79	16.11	15.44	CALL
		1.5ft (0.45m)	CCS316-1.5	17.36	16.66	15.97	CALL
		2.0ft (0.6m)	CCS316-2	17.93	17.21	16.49	CALL
		2.5ft (0.75m)	CCS316-2.5	18.50	17.76	17.02	CALL
RG58C/U Center Conductor: 20 AWG tinned copper Min. Bend Radius: 2.00" (50.8mm) Jacket: Black PVC Operating Temperature: -40°C - +85°C	.195in. (5.0mm)	0.5ft (0.15m)	CCS58A-05	16.32	15.34	14.36	CALL
		1.0ft (0.3m)	CCS58A-1	16.48	15.49	14.50	CALL
		1.5ft (0.45m)	CCS58A-1.5	16.63	15.63	14.64	CALL
		2.0ft (0.6m)	CCS58A-2	16.79	15.78	14.77	CALL
		2.5ft (0.75m)	CCS58A-2.5	16.99	15.97	14.95	CALL

Inline SMA Plug to Inline SMA Jack							
Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
RG58C/U Center Conductor: 20 AWG tinned copper Min. Bend Radius: 2.00" (50.8mm) Jacket: Black PVC Operating Temperature: -40°C - +85°C	.195in. (5.0mm)	1.0ft (0.3m)	CCS58AX-1	18.55	17.44	16.32	CALL
		2.5ft (0.75m)	CCS58AX-2.5	19.07	17.92	16.78	CALL
		5.0ft (1.5m)	CCS58AX-5	19.89	18.70	17.51	CALL

Inline SMA Plug to Right Angle SMA Plug							
Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
RG174/U Center Conductor: 26 AWG bare copper covered steel Min. Bend Radius: 0.47" (12mm) Jacket: Black PVC Operating Temperature: -40°C - +75°C	.110in. (2.8mm)	0.5ft (0.15m)	CC174S-05HR	24.09	22.65	21.20	CALL
		1.0ft (0.3m)	CC174S-1HR	24.25	22.79	21.34	CALL
		1.5ft (0.45m)	CC174S-1.5HR	24.40	22.94	21.47	CALL
		2.5ft (0.75m)	CC174S-2.5HR	24.77	23.28	21.79	CALL
		5.0ft (1.5m)	CC174S-5HR	25.59	24.06	22.52	CALL
RG188A/U Center Conductor: 26 AWG silver coated copper covered steel Min. Bend Radius: 0.50" (12.7mm) Jacket: White TFE taped Operating Temperature: -70°C - +200°C	.108in. (2.7mm)	1.0ft (0.3m)	CCSHR188A-1	19.07	18.30	17.54	CALL
		1.5ft (0.45m)	CCSHR188A-1.5	19.58	18.80	18.02	CALL
		2.5ft (0.75m)	CCSHR188A-2.5	20.72	19.90	19.07	CALL
		4.0ft (1.2m)	CCSHR188A-4	22.38	21.49	20.59	CALL
		5.0ft (1.5m)	CCSHR188A-5	23.52	22.58	21.64	CALL
RG316/U Center Conductor: 26 AWG silver coated copper covered steel Min. Bend Radius: 0.51" (13mm) Jacket: Brown FEP Operating Temperature: -70°C - +200°C	.098in. (2.5mm)	1.0ft (0.3m)	CCSHR316-1	19.07	18.30	17.54	CALL
		1.5ft (0.45m)	CCSHR316-1.5	19.58	18.80	18.02	CALL
		2.0ft (0.6m)	CCSHR316-2	20.15	19.35	18.54	CALL
		2.5ft (0.75m)	CCSHR316-2.5	20.72	19.90	19.07	CALL
		3.0ft (0.9m)	CCSHR316-3	21.29	20.44	19.59	CALL
RG58C/U Center Conductor: 20 AWG tinned copper Min. Bend Radius: 2.00" (50.8mm) Jacket: Black PVC Operating Temperature: -40°C - +85°C	.195in. (5.0mm)	0.5ft (0.15m)	CCS58A-05HR	16.37	15.39	14.41	CALL
		1.0ft (0.3m)	CCS58A-1HR	16.53	15.54	14.54	CALL
		1.5ft (0.45m)	CCS58A-1.5HR	16.68	15.68	14.68	CALL
		2.0ft (0.6m)	CCS58A-2HR	16.89	15.88	14.86	CALL
		2.5ft (0.75m)	CCS58A-2.5HR	17.05	16.02	15.00	CALL

Don't see what you are looking for? Be sure to visit L-com.com for a complete listing of all available cable assemblies, as well as our online Custom Cable Configurator and Product Wizards.



CC174S



CCS188A



CCSHR316



CCS58A-HR

Right Angle SMA Plug to Right Angle SMA Plug

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
RG174/U Center Conductor: 26 AWG bare copper covered steel Min. Bend Radius: 0.47" (12mm) Jacket: Black PVC Operating Temperature: -40°C - +75°C	.110in. (2.8mm)	0.5ft (0.15m)	CC174S-05HR2	29.12	27.37	25.62	CALL
		1.0ft (0.3m)	CC174S-1HR2	29.27	27.52	25.76	CALL
		1.5ft (0.45m)	CC174S-1.5HR2	29.48	27.71	25.94	CALL
		2.5ft (0.75m)	CC174S-2.5HR2	29.79	28.00	26.22	CALL
		5.0ft (1.5m)	CC174S-5HR2	30.62	28.78	26.95	CALL
RG188A/U Center Conductor: 26 AWG silver coated copper covered steel Min. Bend Radius: 0.50" (12.7mm) Jacket: White TFE taped Operating Temperature: -70°C - +200°C	.108in. (2.7mm)	1.0ft (0.3m)	CCSR188A-1	22.38	21.49	20.59	CALL
		1.5ft (0.45m)	CCSR188A-1.5	22.95	22.03	21.12	CALL
		2.0ft (0.6m)	CCSR188A-2	23.52	22.58	21.64	CALL
		2.5ft (0.75m)	CCSR188A-2.5	24.09	23.13	22.16	CALL
		3.0ft (0.9m)	CCSR188A-3	24.66	23.68	22.69	CALL
RG316/U Center Conductor: 26 AWG silver coated copper covered steel Min. Bend Radius: 0.51" (13mm) Jacket: Brown FEP Operating Temperature: -70°C - +200°C	.098in. (2.5mm)	1.0ft (0.3m)	CCSR316-1	22.38	21.49	20.59	CALL
		1.5ft (0.45m)	CCSR316-1.5	22.95	22.03	21.12	CALL
		2.0ft (0.6m)	CCSR316-2	23.52	22.58	21.64	CALL
		2.5ft (0.75m)	CCSR316-2.5	24.09	23.13	22.16	CALL
		3.0ft (0.9m)	CCSR316-3	24.66	23.68	22.69	CALL
RG58C/U Center Conductor: 20 AWG tinned copper Min. Bend Radius: 2.00" (50.8mm) Jacket: Black PVC Operating Temperature: -40°C - +85°C	.195in. (5.0mm)	0.5ft (0.15m)	CCS58A-05HR2	19.84	18.65	17.46	CALL
		1.0ft (0.3m)	CCS58A-1HR2	20.00	18.80	17.60	CALL
		1.5ft (0.45m)	CCS58A-1.5HR2	20.15	18.94	17.74	CALL
		2.5ft (0.75m)	CCS58A-2.5HR2	20.36	19.14	17.92	CALL
		5.0ft (1.5m)	CCS58A-5HR2	21.35	20.06	18.78	CALL
		10.0ft (3.0m)	CCS58A-10HR2	23.00	21.62	20.24	CALL



Inline SMA Plug to Inline BNC Plug

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
RG174/U Center Conductor: 26 AWG bare copper covered steel Min. Bend Radius: 0.47" (12mm) Jacket: Black PVC Operating Temperature: -40°C - +75°C	.110in. (2.8mm)	0.5ft (0.15m)	CC174SB-05	15.70	14.76	13.81	CALL
		1.0ft (0.3m)	CC174SB-1	15.85	14.90	13.95	CALL
		1.5ft (0.45m)	CC174SB-1.5	16.01	15.05	14.09	CALL
		2.5ft (0.75m)	CC174SB-2.5	16.37	15.39	14.41	CALL
		5.0ft (1.5m)	CC174SB-5	17.20	16.17	15.14	CALL
		10.0ft (3.0m)	CC174SB-10	18.86	17.73	16.60	CALL
		RG58C/U Center Conductor: 20 AWG tinned copper Min. Bend Radius: 2.00" (50.8mm) Jacket: Black PVC Operating Temperature: -40°C - +85°C	.195in. (5.0mm)	1.0ft (0.3m)	CCS58AB-1	13.89	13.05
1.5ft (0.45m)	CCS58AB-1.5			14.09	13.25	12.40	CALL
2.5ft (0.75m)	CCS58AB-2.5			14.40	13.54	12.67	CALL
5.0ft (1.5m)	CCS58AB-5			15.23	14.32	13.40	CALL
7.5ft (2.3m)	CCS58AB-7.5			16.06	15.10	14.13	CALL
10.0ft (3.0m)	CCS58AB-10			16.94	15.93	14.91	CALL



Inline BNC Plug to Inline BNC Plug

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
RG174/U Center Conductor: 26 AWG bare copper covered steel Min. Bend Radius: 0.47" (12mm) Jacket: Black PVC Operating Temperature: -40°C - +75°C	.110in. (2.8mm)	1.0ft (0.3m)	CC174-1	7.88	7.40	6.93	CALL
		1.5ft (0.45m)	CC174-1.5	8.03	7.55	7.07	CALL
		2.5ft (0.75m)	CC174-2.5	8.34	7.84	7.34	CALL
		5.0ft (1.5m)	CC174-5	9.22	8.67	8.12	CALL
		7.5ft (2.3m)	CC174-7.5	10.05	9.45	8.84	CALL
		25.0ft (7.6m)	CC174-25	15.91	14.95	14.00	CALL
RG58C/U Center Conductor: 20 AWG tinned copper Min. Bend Radius: 2.00" (50.8mm) Jacket: Black PVC Operating Temperature: -40°C - +85°C	.195in. (5.0mm)	1.0ft (0.3m)	CC58C-1	8.19	7.69	7.20	CALL
		2.5ft (0.75m)	CC58C-2.5	8.70	8.18	7.66	CALL
		2.0ft (0.6m)	CC58C-5	9.53	8.96	8.39	CALL
		2.5ft (0.75m)	CC58C-10	11.19	10.52	9.85	CALL
		3.0ft (0.9m)	CC58C-15	12.90	12.13	11.35	CALL
RG58/U ThinNet Plenum Center Conductor: 20 AWG tinned copper Min. Bend Radius: 2.00" (50.8mm) Jacket: Beige PVC Operating Temperature: -40°C - +75°C	.185in. (4.7mm)	1.0ft (0.3m)	CCTN58P-1B	17.93	17.21	16.49	CALL
		2.5ft (0.75m)	CCTN58P-2.5B	20.15	19.35	18.54	CALL
		5.0ft (1.5m)	CCTN58P-5B	25.75	24.72	23.69	CALL
		7.5ft (2.3m)	CCTN58P-7.5B	30.26	29.05	27.84	CALL
		10.0ft (3.0m)	CCTN58P-10B	34.71	33.32	31.94	CALL
		50.0ft (15.2m)	CCTN58P-50B	97.40	93.51	89.61	CALL
RG223/U Center Conductor: 19 AWG solid silver coated copper Min. Bend Radius: 0.98" (25mm) Jacket: Black PVC Operating Temperature: -40°C - +60°C	.212in. (5.4mm)	1.0ft (0.3m)	CC223B-1	21.86	20.99	20.11	CALL
		1.5ft (0.45m)	CC223B-1.5	22.69	21.79	20.88	CALL
		2.5ft (0.75m)	CC223B-2.5	24.35	23.38	22.40	CALL
		5.0ft (1.5m)	CC223B-5	28.55	27.41	26.26	CALL
		10.0ft (3.0m)	CC223B-10	36.94	35.46	33.99	CALL
		15.0ft (4.6m)	CC223B-15	45.33	43.52	41.71	CALL
RG142B/U Center Conductor: 18 AWG solid silver coated copper Min. Bend Radius: 0.98" (25mm) Jacket: Brown FEP Operating Temperature: -70°C - +200°C	.195in. (5.0mm)	1.0ft (0.3m)	CC142B-1	16.63	15.97	15.30	CALL
		2.5ft (0.75m)	CC142B-2.5	19.33	18.55	17.78	CALL
		5.0ft (1.5m)	CC142B-5	23.78	22.83	21.88	CALL
		7.5ft (2.3m)	CC142B-7.5	28.29	27.16	26.03	CALL
		10.0ft (3.0m)	CC142B-10	32.74	31.43	30.12	CALL
		50.0ft (15.2m)	CC142B-50	104.40	100.22	96.05	CALL
RG213/U Center Conductor: 13 AWG bare copper Min. Bend Radius: 1.57" (40mm) Jacket: Black PVC Operating Temperature: -40°C - +80°C	.405in. (10.3mm)	5.0ft (1.5m)	CC213B-5	19.58	18.80	18.02	CALL
		10.0ft (3.0m)	CC213B-10	23.78	22.83	21.88	CALL
		15.0ft (4.6m)	CC213B-15	27.98	26.86	25.74	CALL
		25.0ft (7.6m)	CC213B-25	36.37	34.92	33.46	CALL
		50.0ft (15.2m)	CC213B-50	57.35	55.06	52.77	CALL
		100.0ft (30.5m)	CC213B-100	99.32	95.35	91.37	CALL



50 Ohm Coaxial Cables



CC174-MF

Inline BNC Plug to Inline BNC Jack							
Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
RG174/U Center Conductor: 26 AWG bare copper covered steel Min. Bend Radius: 0.47" (12mm) Jacket: Black PVC Operating Temperature: -40°C - +75°C	.110in. (2.8mm)	1.0ft (0.3m)	CC174-MF-1	15.70	14.76	13.81	CALL
		3.0ft (0.9m)	CC174-MF-3	16.37	15.39	14.41	CALL
		10.0ft (3.0m)	CC174-MF-10	18.70	17.58	16.46	CALL
		15.0ft (4.6m)	CC174-MF-15	20.41	19.19	17.96	CALL
		25.0ft (7.6m)	CC174-MF-25	23.73	22.31	20.88	CALL
RG58C/U Center Conductor: 20 AWG tinned copper Min. Bend Radius: 2.00" (50.8mm) Jacket: Black PVC Operating Temperature: -40°C - +85°C	.195in. (5.0mm)	1.0ft (0.3m)	CC58C-MF-1	15.59	14.66	13.72	CALL
		3.0ft (0.9m)	CC58C-MF-3	16.27	15.29	14.32	CALL
		6.0ft (1.8m)	CC58C-MF-6	17.25	16.22	15.18	CALL
		10.0ft (3.0m)	CC58C-MF-10	18.60	17.48	16.37	CALL
		25.0ft (7.6m)	CC58C-MF-25	23.63	22.21	20.79	CALL
		50.0ft (15.2m)	CC58C-MF-50	32.02	30.10	28.18	CALL



CC58C-HR

Inline BNC Plug to Right Angle BNC Plug							
Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
RG174/U Center Conductor: 26 AWG bare copper covered steel Min. Bend Radius: 0.47" (12mm) Jacket: Black PVC Operating Temperature: -40°C - +75°C	.110in. (2.8mm)	1.0ft (0.3m)	CC174-1HR	11.40	10.71	10.03	CALL
		1.5ft (0.45m)	CC174-1.5HR	11.55	10.86	10.17	CALL
		2.5ft (0.75m)	CC174-2.5HR	11.86	11.15	10.44	CALL
		5.0ft (1.5m)	CC174-5HR	12.75	11.98	11.22	CALL
		7.5ft (2.3m)	CC174-7.5HR	13.57	12.76	11.95	CALL
		10.0ft (3.0m)	CC174-10HR	14.40	13.54	12.67	CALL
RG58C/U Center Conductor: 20 AWG tinned copper Min. Bend Radius: 2.00" (50.8mm) Jacket: Black PVC Operating Temperature: -40°C - +85°C	.195in. (5.0mm)	1.0ft (0.3m)	CC58C-1HR	11.71	11.01	10.30	CALL
		1.5ft (0.45m)	CC58C-1.5HR	11.86	11.15	10.44	CALL
		2.0ft (0.6m)	CC58C-2HR	12.07	11.35	10.62	CALL
		2.5ft (0.75m)	CC58C-2.5HR	12.23	11.49	10.76	CALL
		5.0ft (1.5m)	CC58C-5HR	13.06	12.27	11.49	CALL
		10.0ft (3.0m)	CC58C-10HR	14.77	13.88	12.99	CALL



CC174-HR2

Right Angle BNC Plug to Right Angle BNC Plug							
Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
RG174/U Center Conductor: 26 AWG bare copper covered steel Min. Bend Radius: 0.47" (12mm) Jacket: Black PVC Operating Temperature: -40°C - +75°C	.110in. (2.8mm)	1.0ft (0.3m)	CC174-1HR2	14.77	13.88	12.99	CALL
		1.5ft (0.45m)	CC174-1.5HR2	14.92	14.03	13.13	CALL
		2.5ft (0.75m)	CC174-2.5HR2	15.23	14.32	13.40	CALL
		5.0ft (1.5m)	CC174-5HR2	16.06	15.10	14.13	CALL
		7.5ft (2.3m)	CC174-7.5HR2	16.94	15.93	14.91	CALL
		10.0ft (3.0m)	CC174-10HR2	17.77	16.70	15.64	CALL
RG58C/U Center Conductor: 20 AWG tinned copper Min. Bend Radius: 2.00" (50.8mm) Jacket: Black PVC Operating Temperature: -40°C - +85°C	.195in. (5.0mm)	1.0ft (0.3m)	CC58C-1HR2	13.99	13.15	12.31	CALL
		1.5ft (0.45m)	CC58C-1.5HR2	14.20	13.34	12.49	CALL
		2.0ft (0.6m)	CC58C-2HR2	14.35	13.49	12.63	CALL
		2.5ft (0.75m)	CC58C-2.5HR2	14.51	13.64	12.77	CALL
		5.0ft (1.5m)	CC58C-5HR2	15.34	14.42	13.50	CALL
		10.0ft (3.0m)	CC58C-10HR2	17.05	16.02	15.00	CALL



CCTN58-B

Inline Insulated BNC Plug to Inline Insulated BNC Plug							
Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
RG58/U (R9907) Center Conductor: 20 AWG tinned copper Min. Bend Radius: 2.00" (50.8mm) Jacket: Beige PVC Operating Temperature: -40°C - +75°C	.185in. (4.7mm)	1.0ft (0.3m)	CCTN58-1B	9.53	8.77	8.01	CALL
		3.0ft (0.9m)	CCTN58-3B	10.67	9.82	8.97	CALL
		6.0ft (1.8m)	CCTN58-6B	12.33	11.34	10.36	CALL
		10.0ft (3.0m)	CCTN58-10B	14.56	13.39	12.23	CALL
		25.0ft (7.6m)	CCTN58-25B	21.14	19.45	17.76	CALL
		50.0ft (15.2m)	CCTN58-50B	35.13	32.32	29.51	CALL



CCSB188A

Insulated Right Angle BNC Plug to Insulated Right Angle BNC Plug							
Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
RG58/U (R9907) Center Conductor: 20 AWG tinned copper Min. Bend Radius: 2.00" (50.8mm) Jacket: Beige PVC Operating Temperature: -40°C - +75°C	.185in. (4.7mm)	5.0ft (1.5m)	CCTN58-5HR2B	26.58	22.33	22.33	CALL
		10.0ft (3.0m)	CCTN58-10HR2B	29.38	24.68	24.68	CALL
		15.0ft (4.6m)	CCTN58-15HR2B	32.17	27.03	27.03	CALL
		25.0ft (7.6m)	CCTN58-25HR2B	37.77	31.73	31.73	CALL

Inline SMB Plug to Inline SMB Plug							
Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
RG188A/U Center Conductor: 26 AWG silver coated copper covered steel Min. Bend Radius: 0.50" (12.7mm) Jacket: White TFE taped Operating Temperature: -70°C - +200°C	.108in. (2.7mm)	1.0ft (0.3m)	CCSB188A-1	29.69	28.50	27.31	CALL
		1.5ft (0.45m)	CCSB188A-1.5	30.26	29.05	27.84	CALL
		2.5ft (0.75m)	CCSB188A-2.5	31.35	30.09	28.84	CALL
		5.0ft (1.5m)	CCSB188A-5	34.14	32.78	31.41	CALL
		7.5ft (2.3m)	CCSB188A-7.5	36.94	35.46	33.99	CALL
		10.0ft (3.0m)	CCSB188A-10	39.74	38.15	36.56	CALL
RG316/U Center Conductor: 26 AWG silver coated copper covered steel Min. Bend Radius: 0.51" (13mm) Jacket: Brown FEP Operating Temperature: -70°C - +200°C	.098in. (2.5mm)	1.0ft (0.3m)	CCSB316-1	29.69	28.50	27.31	CALL
		1.5ft (0.45m)	CCSB316-1.5	30.26	29.05	27.84	CALL
		2.5ft (0.75m)	CCSB316-2.5	31.35	30.09	28.84	CALL
		10.0ft (3.0m)	CCSB316-10	39.74	38.15	36.56	CALL

Don't see what you are looking for? Be sure to visit L-com.com for a complete listing of all available cable assemblies, as well as our online Custom Cable Configurator and Product Wizards.

Inline SMC Plug to Inline SMC Plug

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
RG188A/U Center Conductor: 26 AWG silver coated copper covered steel Min. Bend Radius: 0.50" (12.7mm) Jacket: White TFE taped Operating Temperature: -70°C - +200°C	.108in. (2.7mm)	1.0ft (0.3m)	CCSC188A-1	29.69	28.50	27.31	CALL
		1.5ft (0.45m)	CCSC188A-1.5	30.26	29.05	27.84	CALL
		2.5ft (0.75m)	CCSC188A-2.5	31.35	30.09	28.84	CALL
		5.0ft (1.5m)	CCSC188A-5	34.14	32.78	31.41	CALL
		7.5ft (2.3m)	CCSC188A-7.5	36.94	35.46	33.99	CALL
RG316/U Center Conductor: 26 AWG silver coated copper covered steel Min. Bend Radius: 0.51" (13mm) Jacket: Brown FEP Operating Temperature: -70°C - +200°C	.098in. (2.5mm)	1.0ft (0.3m)	CCSC316-1	29.69	28.50	27.31	CALL
		1.5ft (0.45m)	CCSC316-1.5	30.26	29.05	27.84	CALL
		2.0ft (0.6m)	CCSC316-2	30.78	29.54	28.31	CALL
		2.5ft (0.75m)	CCSC316-2.5	31.35	30.09	28.84	CALL
		5.0ft (1.5m)	CCSC316-5	34.14	32.78	31.41	CALL
		10.0ft (3.0m)	CCSC316-10	39.74	38.15	36.56	CALL

Right Angle MCX Plug to Right Angle MCX Plug

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
RG188A/U Center Conductor: 26 AWG silver coated copper covered steel Min. Bend Radius: 0.50" (12.7mm) Jacket: White TFE taped Operating Temperature: -70°C - +200°C	.108in. (2.7mm)	1.0ft (0.3m)	CCSM188A-1	29.69	28.50	27.31	CALL
		2.5ft (0.75m)	CCSM188A-2.5	31.35	30.09	28.84	CALL
		5.0ft (1.5m)	CCSM188A-5	34.14	32.78	31.41	CALL
		7.5ft (2.3m)	CCSM188A-7.5	36.94	35.46	33.99	CALL
		10.0ft (3.0m)	CCSM188A-10	39.74	38.15	36.56	CALL
RG316/U Center Conductor: 26 AWG silver coated copper covered steel Min. Bend Radius: 0.51" (13mm) Jacket: Brown FEP Operating Temperature: -70°C - +200°C	.098in. (2.5mm)	1.0ft (0.3m)	CCSM316-1	29.69	28.50	27.31	CALL
		1.5ft (0.45m)	CCSM316-1.5	30.26	29.05	27.84	CALL
		2.5ft (0.75m)	CCSM316-2.5	31.35	30.09	28.84	CALL
		10.0ft (3.0m)	CCSM316-10	39.74	38.15	36.56	CALL

Inline TNC Plug to Inline TNC Plug

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
RG58C/U Center Conductor: 20 AWG tinned copper Min. Bend Radius: 2.00" (50.8mm) Jacket: Black PVC Operating Temperature: -40°C - +85°C	.195in. (5.0mm)	1.0ft (0.3m)	CC58T-1	10.78	10.13	9.48	CALL
		3.0ft (0.9m)	CC58T-3	11.45	10.76	10.08	CALL
		10.0ft (3.0m)	CC58T-10	13.78	12.95	12.13	CALL
		15.0ft (4.6m)	CC58T-15	15.49	14.56	13.63	CALL
		25.0ft (7.6m)	CC58T-25	18.81	17.68	16.55	CALL
		50.0ft (15.2m)	CC58T-50	27.20	25.57	23.94	CALL
RG223/U Center Conductor: 19 AWG solid silver coated copper Min. Bend Radius: 0.98" (25mm) Jacket: Black PVC Operating Temperature: -40°C - +60°C	.212in. (5.4mm)	1.0ft (0.3m)	CC223T-1	21.86	20.99	20.11	CALL
		1.5ft (0.45m)	CC223T-1.5	22.69	21.79	20.88	CALL
		2.0ft (0.6m)	CC223T-2	23.52	22.58	21.64	CALL
		2.5ft (0.75m)	CC223T-2.5	24.35	23.38	22.40	CALL
		5.0ft (1.5m)	CC223T-5	28.55	27.41	26.26	CALL
		10.0ft (3.0m)	CC223T-10	36.94	35.46	33.99	CALL
RG213/U Center Conductor: 13 AWG bare copper Min. Bend Radius: 1.57" (40mm) Jacket: Black PVC Operating Temperature: -40°C - +60°C	.405in. (10.3mm)	5.0ft (1.5m)	CC213T-5	20.46	19.65	18.83	CALL
		10.0ft (3.0m)	CC213T-10	24.66	23.68	22.69	CALL
		15.0ft (4.6m)	CC213T-15	28.86	27.70	26.55	CALL
		25.0ft (7.6m)	CC213T-25	37.25	35.76	34.27	CALL
		50.0ft (15.2m)	CC213T-50	58.23	55.91	53.58	CALL
		75.0ft (22.9m)	CC213T-75	79.22	76.05	72.88	CALL

Inline Type N Plug to Inline Type N Plug

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
RG223/U Center Conductor: 19 AWG solid silver coated copper Min. Bend Radius: 0.98" (25mm) Jacket: Black PVC Operating Temperature: -40°C - +60°C	.212in. (5.4mm)	1.0ft (0.3m)	CC223N-1	33.57	32.23	30.89	CALL
		1.5ft (0.45m)	CC223N-1.5	34.45	33.08	31.70	CALL
		2.5ft (0.75m)	CC223N-2.5	36.11	34.67	33.22	CALL
		5.0ft (1.5m)	CC223N-5	40.31	38.70	37.08	CALL
		7.5ft (2.3m)	CC223N-7.5	44.50	42.72	40.94	CALL
		10.0ft (3.0m)	CC223N-10	48.70	46.75	44.81	CALL
RG213/U Center Conductor: 13 AWG bare copper Min. Bend Radius: 1.57" (40mm) Jacket: Black PVC Operating Temperature: -40°C - +80°C	.405in. (10.3mm)	5.0ft (1.5m)	CC213-5	20.46	19.65	18.83	CALL
		10.0ft (3.0m)	CC213-10	24.66	23.68	22.69	CALL
		15.0ft (4.6m)	CC213-15	28.86	27.70	26.55	CALL
		25.0ft (7.6m)	CC213-25	37.25	35.76	34.27	CALL
		50.0ft (15.2m)	CC213-50	58.23	55.91	53.58	CALL
		75.0ft (22.9m)	CC213-75	79.22	76.05	72.88	CALL

Reverse Polarized TNC Plug to Reverse Polarized TNC Jack

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
RG58C/U Center Conductor: 20 AWG tinned copper Min. Bend Radius: 2.00" (50.8mm) Jacket: Black PVC Operating Temperature: -40°C - +85°C	.195in. (5.08mm)	5.0ft (1.5m)	CC58RP-5	24.66	23.18	21.70	CALL
		10.0ft (3.0m)	CC58RP-10	27.46	25.81	24.16	CALL
		20.0ft (6.1m)	CC58RP-20	33.05	31.07	29.09	CALL
		25.0ft (7.6m)	CC58RP-25	35.85	33.70	31.55	CALL

Reverse Polarized SMA Plug to Reverse Polarized SMA Jack

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
RG174/U Center Conductor: 26 AWG bare copper covered steel Min. Bend Radius: 0.47" (12mm) Jacket: Black PVC Operating Temperature: -40°C - +75°C	.110in. (2.8mm)	5.0ft (1.5m)	CC174RP-5	22.12	20.80	19.47	CALL
		10.0ft (3.0m)	CC174RP-10	23.52	22.11	20.70	CALL
		15.0ft (4.6m)	CC174RP-15	24.92	23.43	21.93	CALL
		20.0ft (6.1m)	CC174RP-20	26.32	24.74	23.16	CALL
		25.0ft (7.6m)	CC174RP-25	27.72	26.06	24.39	CALL



CCSC316



CCSM188A



CC223T



CC213



CC58RP



CC174RP

Tip *What is Low Loss cable?*

The term low loss refers to the cables relative low attenuation (loss) over distance. The main difference between standard RG cable and low loss coaxial cable is the shielding. Low loss cable has far better shielding than typical RG

style cable thus achieving better low loss characteristics. Additionally, low loss coaxial cables use solid center conductors which offer lower attenuation than stranded conductors that are sometimes found on RG style cables. Low loss coaxial cables are typically used in WLAN, Cellular, PCS, ISM and many other wireless applications.

Low Loss Attenuation Comparison		
Cable	MHz	db / 100ft
RG213/U	2500	14.9
400 Series	2500	6.8

50 Ohm Low Loss Series Coax Pigtaills

1.13mm Series Low Loss Coaxial Pigtaills

Connectors	Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
U.FL/Type N Female Bulkhead	1.13mm Mini Pigtaills - Black Center Conductor: Silver plated copper Min. Bend Radius: 0.50" (12mm) Jacket: FEP Operating Temp.: -55°C - +200°C	.105in. (2.7mm)	7.9" (20cm)	CA-UFLNBQC20	18.60	17.11	15.62	CALL
U.FL/Type N Male			7.9" (20cm)	CA-UFLNMQC20	18.60	17.11	15.62	CALL
U.FL/Rev. Polarity SMA Jack Bulkhead			7.9" (20cm)	CA-UFLRSBQC20	18.60	17.11	15.62	CALL
U.FL/SMA Female Bulkhead			7.9" (20cm)	CA-UFLSBQC20	18.60	17.11	15.62	CALL
U.FL/Unterminated			10.0ft (3.0m)	CA-UFLQ010	19.64	18.07	16.49	CALL
			7.9" (20cm)	CA-UFLQC20	14.46	13.30	12.14	CALL

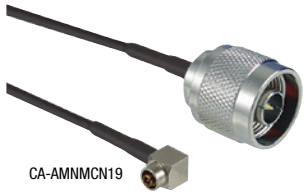
100 Series Low Loss Coaxial Pigtaills

Connectors	Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
AIProx/Type N Female Bulkhead	100 Series - Black Center Conductor: Solid bare copper covered steel Min. Bend Radius: 0.25" (6.4mm) Jacket: PVC Operating Temp.: -20°C - +60°C	.105in. (2.7mm)	19" (48.3cm)	CA-AMNFBCN19	10.62	9.56	8.50	CALL
AIProx/Type N Female			19" (48.3cm)	CA-AMNFCN19	10.36	9.33	8.29	CALL
AIProx/Type N Male			1.5m	CA-AMNMC1M5	18.44	16.60	14.76	CALL
FME Plug/Reverse Polarity SMA Plug	100 Series - Black (see above for specs)	.105in. (2.7mm)	19" (48.3cm)	CA-RSPFMEPCN19	16.79	15.78	14.77	CALL
FME Plug/Reverse Polarity TNC Plug			19" (48.3cm)	CA-RTPFMEPCN19	16.79	15.78	14.77	CALL
FME Plug/FME Jack	100 Series - Black (see above for specs)	.105in. (2.7mm)	19" (48.3cm)	CA-FMEPFMEJCN19	20.46	18.42	16.37	CALL
MC Card/Type N Female			19" (48.3cm)	CA-MCNFCN19	11.19	10.07	8.95	CALL
MC Card/Type N Male	100 Series - Black (see above for specs)	.105in. (2.7mm)	1.5m	CA-MCNMC1M5	11.19	10.07	8.95	CALL
MC Card/Reverse Polarity TNC Plug			19" (48.3cm)	CA-MCNMCN19	8.96	8.07	7.17	CALL
MC Card/Reverse Polarity TNC Plug	100 Series - Black (see above for specs)	.105in. (2.7mm)	19" (48.3cm)	CA-MCRTPCN19	11.19	10.07	8.95	CALL
MC Card/Type N Male			19" (48.3cm)	CA-MCNMDN19	14.56	13.10	11.65	CALL
MMCX/Type N Female Bulkhead	100 Series - Black (see above for specs)	.105in. (2.7mm)	19" (48.3cm)	CA-MMNFBBCN19	22.38	20.14	17.91	CALL
MMCX/Type N Female			19" (48.3cm)	CA-MMNFBCN19	16.79	15.11	13.43	CALL
MMCX/Type N Male			19" (48.3cm)	CA-MMNMCCN19	11.76	10.58	9.41	CALL
MMCX Straight/Type N Male			19" (48.3cm)	CA-MMNSMCCN19	22.38	20.14	17.91	CALL
MCX/Type N Female	100 Series - Black (see above for specs)	.105in. (2.7mm)	19" (48.3cm)	CA-MPNFBCN19	16.79	15.11	13.43	CALL
MCX/Type N Male			19" (48.3cm)	CA-MPNMCN19	16.79	15.11	13.43	CALL
MCX Plug Right Angle/Type N Male			19" (48.3cm)	CA-MPRNMCN19	16.79	15.11	13.43	CALL
Reverse Polarity MMCX Plug/Type N Female Bulkhead	100 Series - Black (see above for specs)	.105in. (2.7mm)	19" (48.3cm)	CA-RMMNFBCN19	21.24	19.12	16.99	CALL
Reverse Polarity MMCX/Type N Female			19" (48.3cm)	CA-RMMNFCN19	16.79	15.11	13.43	CALL
Reverse Polarity MMCX/Type N Male			19" (48.3cm)	CA-RMMNMCCN19	11.19	10.07	8.95	CALL
QMA Plug/QMA Jack Bulkhead	100 Series - Black (see above for specs)	.105in. (2.7mm)	19" (48.3cm)	CA-OPQJBCN19	25.75	24.20	22.66	CALL
QMA Plug/QMA Jack			19" (48.3cm)	CA-OPQPCCN19	25.75	24.20	22.66	CALL
Reverse Polarity TNC Plug/Reverse Polarity TNC Jack Bulkhead	100 Series - Black (see above for specs)	.105in. (2.7mm)	19" (48.3cm)	CA-RTPRTJBCN19	17.93	16.85	15.78	CALL
Reverse Polarity TNC Plug/Reverse Polarity SMA Plug Right Angle			19" (48.3cm)	CA-RTPRSPRCN19	16.79	15.78	14.77	CALL
Reverse Polarity TNC Plug/Type N Female Bulkhead			19" (48.3cm)	CA-RTPNFBCN19	19.01	17.87	16.73	CALL
Reverse Polarity TNC Plug/Type N Male			19" (48.3cm)	CA-RTPNMCCN19	16.79	15.78	14.77	CALL
Reverse Polarity SMA Plug/Reverse Polarity TNC Plug	100 Series - Black (see above for specs)	.105in. (2.7mm)	19" (48.3cm)	CA-RSPRTPCN19	16.79	15.78	14.77	CALL
Reverse Polarity SMA Plug/Reverse Polarity TNC Jack Bulkhead			19" (48.3cm)	CA-RSPRTJBCN19	17.93	16.85	15.78	CALL
Reverse Polarity SMA Plug/Reverse Polarity SMA Jack Bulkhead			19" (48.3cm)	CA-RSPRSJBCN19	16.79	15.78	14.77	CALL
Reverse Polarity SMA Plug/Reverse Polarity SMA Plug			19" (48.3cm)	CA-RSPRSPCN19	16.79	15.78	14.77	CALL
Reverse Polarity SMA Plug/Reverse Polarity SMA Plug Right Angle			19" (48.3cm)	CA-RSPRSPRCN19	17.93	16.85	15.78	CALL
Reverse Polarity SMA Plug/Type N Male			19" (48.3cm)	CA-RSPNMCN19	16.79	15.78	14.77	CALL
Reverse Polarity SMA Plug/Type N Female Bulkhead			19" (48.3cm)	CA-RSPNFBCN19	19.01	17.87	16.73	CALL
SMB Plug Right Angle/SMB Jack			100 Series - Black (see above for specs)	.105in. (2.7mm)	12" (30.5cm)	CA-SBPSRBJCN12	16.27	15.29
	24" (61cm)	CA-SBPSRBJCN24			17.36	16.31	15.27	CALL
	30" (76.2cm)	CA-SBPSRBJCN30			17.93	16.85	15.78	CALL
	36" (91.4cm)	CA-SBPSRBJCN36			18.50	17.39	16.28	CALL
	48" (121.9cm)	CA-SBPSRBJCN48			19.58	18.41	17.23	CALL
SMB Plug/SMB Jack	100 Series - Black (see above for specs)	.105in. (2.7mm)	12" (30.5cm)	CA-SBPSBJCN12	16.27	15.29	14.32	CALL
			24" (61cm)	CA-SBPSBJCN24	17.36	16.31	15.27	CALL
			30" (76.2cm)	CA-SBPSBJCN30	17.93	16.85	15.78	CALL
			36" (91.4cm)	CA-SBPSBJCN36	18.50	17.39	16.28	CALL
			48" (121.9cm)	CA-SBPSBJCN48	19.58	18.41	17.23	CALL

Don't see what you are looking for? Be sure to visit L-com.com for a complete listing of all available cable assemblies, as well as our online Custom Cable Configurator and Product Wizards.



CA-UFLNMQC20



CA-AMNMCN19



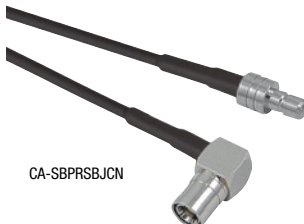
CA-MCNMDN19



CA-MPRNMCN19



CA-RSPRTPCN19



CA-SBPSRBJCN

100 Series Low Loss Coaxial Pigtails

Connectors	Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
SMB Plug Rt. Angle/SMB Plug Rt. Angle	100 Series - Black Center Conductor: Solid bare copper covered steel Min. Bend Radius: 0.25" (6.4mm) Jacket: PVC	.105in. (2.7mm)	12" (30.5cm)	CA-SBPRSBPRCN12	16.27	15.29	14.32	CALL
			18" (45.7cm)	CA-SBPRSBPRCN18	16.79	15.78	14.77	CALL
			24" (61cm)	CA-SBPRSBPRCN24	17.36	16.31	15.27	CALL
			30" (76.2cm)	CA-SBPRSBPRCN30	17.93	16.85	15.78	CALL
			36" (91.4cm)	CA-SBPRSBPRCN36	18.50	17.39	16.28	CALL
SMB Plug/SMB Plug Right Angle	100 Series - Black (see above for specs)	.105in. (2.7mm)	12" (30.5cm)	CA-SBPSBPRCN12	16.27	15.29	14.32	CALL
			18" (45.7cm)	CA-SBPSBPRCN18	16.79	15.78	14.77	CALL
			24" (61cm)	CA-SBPSBPRCN24	17.36	16.31	15.27	CALL
			30" (76.2cm)	CA-SBPSBPRCN30	17.93	16.85	15.78	CALL
			36" (91.4cm)	CA-SBPSBPRCN36	18.50	17.39	16.28	CALL
S/E Type 237 Plug/Type N Male	100 Series - Black (see above for specs)	.105in. (2.7mm)	19" (48.3cm)	CA-SEPNCMN19	16.79	15.78	14.77	CALL
			19" (48.3cm)	CA-SEPRJCN19	16.79	15.78	14.77	CALL
S/E Type 237 Plug/RP SMA Jack	100 Series - Black (see above for specs)	.105in. (2.7mm)	19" (48.3cm)	CA-SEPFNCN19	16.79	15.78	14.77	CALL
S/E Type 237 Plug/SMA Female			19" (48.3cm)	CA-SNPTFBCN19	16.79	15.78	14.77	CALL
SMA Nano Plug/TNC Female Bulkhead			19" (48.3cm)	CA-SNPTFCN19	16.79	15.78	14.77	CALL
SMA Nano Plug/TNC Female	100 Series - Black (see above for specs)	.105in. (2.7mm)	19" (48.3cm)	CA-SNPFCN19	16.79	15.78	14.77	CALL
SMA Nano RA Plug/Type N Female			19" (48.3cm)	CA-SNPNFCN19	16.79	15.78	14.77	CALL



BNC Male Right Angle / BNC Male

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-BMRBMA002	26.94	24.25	21.55	CALL
		4.0ft (1.2m)	CA-BMRBMA004	27.98	25.18	22.38	CALL
		10.0ft (3.0m)	CA-BMRBMA010	31.09	27.98	24.87	CALL
		20.0ft (6.1m)	CA-BMRBMA020	36.27	32.64	29.01	CALL

BNC Male Right Angle / BNC Male Right Angle

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-BMRBMRA002	26.94	24.25	21.55	CALL
		4.0ft (1.2m)	CA-BMRBMRA004	27.98	25.18	22.38	CALL
		10.0ft (3.0m)	CA-BMRBMRA010	31.09	27.98	24.87	CALL
		20.0ft (6.1m)	CA-BMRBMRA020	36.27	32.64	29.01	CALL

Type N Male / Type N Male

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-NMNMMA002	15.54	13.99	12.43	CALL
		4.0ft (1.2m)	CA-NMNMMA004	16.58	14.92	13.26	CALL
		10.0ft (3.0m)	CA-NMNMMA010	19.69	17.72	15.75	CALL
		20.0ft (6.1m)	CA-NMNMMA020	24.87	22.38	19.90	CALL
200-Series Center Conductor: Solid copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyethylene Operating Temperature: -40°C - +80°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-NMNMME002	19.79	17.81	15.83	CALL
		4.0ft (1.2m)	CA-NMNMME004	20.93	18.84	16.74	CALL
		10.0ft (3.0m)	CA-NMNMME010	24.35	21.92	19.48	CALL
		20.0ft (6.1m)	CA-NMNMME020	30.05	27.04	24.04	CALL
		50.0ft (15.2m)	CA-NMNMME050	47.15	42.43	37.72	CALL
		240-Series Center Conductor: Solid copper Min. Bend Radius: 0.75" (19.1mm) Jacket: Polyethylene Operating Temperature: -40°C - +80°C	.240 in. (6.1mm)	2.0ft (0.6m)	CA-NMNMTO02	19.95	17.95
4.0ft (1.2m)	CA-NMNMTO04			21.29	19.16	17.04	CALL
10.0ft (3.0m)	CA-NMNMTO10			25.34	22.80	20.27	CALL
20.0ft (6.1m)	CA-NMNMTO20			32.07	28.86	25.66	CALL
400-Series Center Conductor: Copper clad aluminum Min. Bend Radius: 1.0" (25.4mm) Jacket: Polyethylene Operating Temperature: -40°C - +80°C	.405 in. (10.3mm)	2.0ft (0.6m)	CA3N002	22.54	20.28	18.03	CALL
		10.0ft (3.0m)	CA3N010	28.75	25.88	23.00	CALL
		20.0ft (6.1m)	CA3N020	36.53	32.87	29.22	CALL
		25.0ft (7.6m)	CA3N025	40.41	36.37	32.33	CALL
		30.0ft (9.0m)	CA3N030	44.30	39.87	35.44	CALL
		40.0ft (12.0m)	CA3N040	52.07	46.86	41.66	CALL
		50.0ft (15.2m)	CA3N050	59.84	53.86	47.87	CALL
		75.0ft (22.9m)	CA3N075	85.75	77.17	68.60	CALL
		100.0ft (30.5m)	CA3N100	111.65	100.49	89.32	CALL
		400UF-Series Ultra Flex Center Conductor: Stranded bare copper Min. Bend Radius: 1.0" (25.4mm) Jacket: Black Thermoplastic Elastomer Operating Temperature: -40°C - +85°C	.405 in. (10.3mm)	5.0ft (1.5m)	CA-NMNMHO05	22.90	21.53
10.0ft (3.0m)	CA-NMNMHO10			29.12	27.37	25.62	CALL
15.0ft (4.6m)	CA-NMNMHO15			35.33	33.21	31.09	CALL
25.0ft (7.6m)	CA-NMNMHO25			47.77	44.90	42.04	CALL
50.0ft (15.2m)	CA-NMNMHO50			78.85	74.12	69.39	CALL
75.0ft (22.9m)	CA-NMNMHO75			109.94	103.34	96.75	CALL
100.0ft (30.5m)	CA-NMNMHO100			141.97	138.61	135.25	CALL
600-Series Center Conductor: Solid copper Min. Bend Radius: 1.50" (38.1mm) Jacket: Polyethylene Operating Temperature: -40°C - +80°C	.590 in. (15.0mm)	25.0ft (7.6m)	CA-6NMNM025	69.17	63.63	58.10	CALL
		50.0ft (15.2m)	CA-6NMNM050	114.50	105.34	96.18	CALL
		75.0ft (22.9m)	CA-6NMNM075	159.83	147.05	134.26	CALL
		100.0ft (30.5m)	CA-6NMNM100	215.53	198.29	181.04	CALL
		125.0ft (38.1m)	CA-6NMNM125	260.86	239.99	219.13	CALL
		150.0ft (45.7m)	CA-6NMNM150	309.31	284.56	259.82	CALL
		200.0ft (60.1m)	CA-6NMNM200	396.86	365.12	333.37	CALL
		250.0ft (75.3m)	CA-6NMNM250	487.53	448.53	409.53	CALL
900-Series Center Conductor: BC Tube Min. Bend Radius: 3.0" (76.2mm) Jacket: Polyethylene Operating Temperature: -40°C - +85°C	.870 in. (22.1mm)	25.0ft (7.6m)	CA-9NMNM025	691.66	636.33	581.00	CALL
		50.0ft (15.2m)	CA-9NMNM050	813.42	748.34	683.27	CALL
		75.0ft (22.9m)	CA-9NMNM075	935.17	860.36	785.54	CALL
		100.0ft (30.5m)	CA-9NMNM100	1056.92	972.37	887.82	CALL



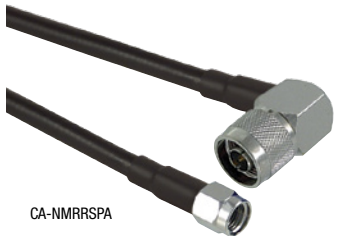
CA-NMRNMF



CA-NMNF



CA-6NMNF



CA-NMRRSPA



CA-NMRRSJA

Type N Male Right Angle / Type N Male

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-NMRNMA002	33.68	30.31	26.94	CALL
		4.0ft (1.2m)	CA-NMRNMA004	34.71	31.24	27.77	CALL
		10.0ft (3.0m)	CA-NMRNMA010	37.82	34.04	30.26	CALL
		20.0ft (6.1m)	CA-NMRNMA020	43.00	38.70	34.40	CALL
400-Series Center Conductor: Copper clad aluminum Min. Bend Radius: 1.0" (25.4mm) Jacket: Polyethylene Operating Temperature: -40°C - +80°C	.405 in. (10.3mm)	2.0ft (0.6m)	CA-NMRNMF002	21.50	19.35	17.20	CALL
		10.0ft (3.0m)	CA-NMRNMF010	27.72	24.95	22.17	CALL
		25.0ft (7.6m)	CA-NMRNMF025	39.38	35.44	31.50	CALL
		50.0ft (15.2m)	CA-NMRNMF050	58.80	52.92	47.04	CALL

Type N Male / Type N Female

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-NMNFA002	16.06	14.45	12.85	CALL
		4.0ft (1.2m)	CA-NMNFA004	17.10	15.39	13.68	CALL
		10.0ft (3.0m)	CA-NMNFA010	20.21	18.19	16.16	CALL
		20.0ft (6.1m)	CA-NMNFA020	25.39	22.85	20.31	CALL
200-Series Center Conductor: Solid copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyethylene Operating Temperature: -40°C - +80°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-NMNFE002	19.79	17.81	15.83	CALL
		4.0ft (1.2m)	CA-NMNFE004	20.93	18.84	16.74	CALL
		10.0ft (3.0m)	CA-NMNFE010	24.35	21.92	19.48	CALL
		20.0ft (6.1m)	CA-NMNFE020	30.05	27.04	24.04	CALL
240-Series Center Conductor: Solid copper Min. Bend Radius: 0.75" (19.1mm) Jacket: Polyethylene Operating Temperature: -40°C - +80°C	.240 in. (6.1mm)	2.0ft (0.6m)	CA-NMNF002	19.95	17.95	15.96	CALL
		4.0ft (1.2m)	CA-NMNF004	21.29	19.16	17.04	CALL
		10.0ft (3.0m)	CA-NMNF010	25.34	22.80	20.27	CALL
		20.0ft (6.1m)	CA-NMNF020	32.07	28.86	25.66	CALL
400-Series Center Conductor: Copper clad aluminum Min. Bend Radius: 1.0" (25.4mm) Jacket: Polyethylene Operating Temperature: -40°C - +80°C	.405 in. (10.3mm)	2.0ft (0.6m)	CA4N002	22.80	20.52	18.24	CALL
		10.0ft (3.0m)	CA4N010	29.01	26.11	23.21	CALL
		20.0ft (6.1m)	CA4N020	36.79	33.11	29.43	CALL
		25.0ft (7.6m)	CA4N025	40.67	36.60	32.54	CALL
		50.0ft (15.2m)	CA4N050	60.10	54.09	48.08	CALL
		100.0ft (30.5m)	CA4N100	111.91	100.72	89.53	CALL
400UF-Series Ultra Flex Center Conductor: Stranded bare copper Min. Bend Radius: 1.0" (25.4mm) Jacket: Black Thermoplastic Elastomer Operating Temperature: -40°C - +85°C	.405 in. (10.3mm)	5.0ft (1.5m)	CA-NMNFH005	22.38	21.04	19.70	CALL
		10.0ft (3.0m)	CA-NMNFH010	28.60	26.88	25.17	CALL
		15.0ft (4.6m)	CA-NMNFH015	34.82	32.73	30.64	CALL
		25.0ft (7.6m)	CA-NMNFH025	47.25	44.42	41.58	CALL
		50.0ft (15.2m)	CA-NMNFH050	78.34	73.64	68.94	CALL
		75.0ft (22.9m)	CA-NMNFH075	109.42	102.86	96.29	CALL
		100.0ft (30.5m)	CA-NMNFH100	140.51	132.08	123.65	CALL
		200.0ft (60.1m)	CA-NMNFH200	296.86	281.12	257.37	CALL
600-Series Center Conductor: Solid copper Min. Bend Radius: 1.50" (38.1mm) Jacket: Polyethylene Operating Temperature: -40°C - +80°C	.590 in. (15.0mm)	25.0ft (7.6m)	CA-6NMNF025	69.17	63.63	58.10	CALL
		50.0ft (15.2m)	CA-6NMNF050	114.50	105.34	96.18	CALL
		75.0ft (22.9m)	CA-6NMNF075	159.83	147.05	134.26	CALL
		100.0ft (30.5m)	CA-6NMNF100	215.53	198.29	181.04	CALL
		150.0ft (45.7m)	CA-6NMNF150	306.20	281.70	257.21	CALL
900-Series Center Conductor: BC Tube Min. Bend Radius: 3.0" (76.2mm) Jacket: Polyethylene Operating Temperature: -40°C - +85°C	.870 in. (22.1mm)	25.0ft (7.6m)	CA-9NMNF025	691.66	636.33	581.00	CALL
		50.0ft (15.2m)	CA-9NMNF050	813.42	748.34	683.27	CALL
		75.0ft (22.9m)	CA-9NMNF075	935.17	860.36	785.54	CALL
		100.0ft (30.5m)	CA-9NMNF100	1056.92	972.37	887.82	CALL

Type N Male Right Angle / Reverse Polarity SMA Plug

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-NMRRSPA002	31.09	27.98	24.87	CALL
		4.0ft (1.2m)	CA-NMRRSPA004	32.12	28.91	25.70	CALL
		10.0ft (3.0m)	CA-NMRRSPA010	35.23	31.71	28.18	CALL
		20.0ft (6.1m)	CA-NMRRSPA020	40.41	36.37	32.33	CALL

Type N Male Right Angle / Reverse Polarity SMA Jack

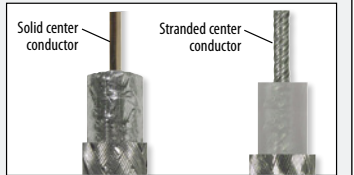
Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-NMRRSJA002	28.24	25.41	22.59	CALL
		4.0ft (1.2m)	CA-NMRRSJA004	29.27	26.35	23.42	CALL
		10.0ft (3.0m)	CA-NMRRSJA010	32.38	29.14	25.91	CALL
		20.0ft (6.1m)	CA-NMRRSJA020	37.56	33.81	30.05	CALL

Tip Solid vs stranded center conductors

In coaxial cable there is a trade off in center conductor construction. A solid center conductor will give the best attenuation performance but will be somewhat stiff, while a stranded center conductor will be more flexible but have slightly higher attenuation.

Online Video

L-com.com/Videos/A19



Type N Male Right Angle / SMA Male

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-NMRSMA002	14.51	13.06	11.61	CALL
		4.0ft (1.2m)	CA-NMRSMA004	15.54	13.99	12.43	CALL
		10.0ft (3.0m)	CA-NMRSMA010	18.65	16.79	14.92	CALL
		20.0ft (6.1m)	CA-NMRSMA020	23.83	21.45	19.07	CALL

Type N Male Right Angle / TNC Male

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-NMRTMA002	18.65	16.79	14.92	CALL
		4.0ft (1.2m)	CA-NMRTMA004	19.69	17.72	15.75	CALL
		10.0ft (3.0m)	CA-NMRTMA010	22.80	20.52	18.24	CALL
		20.0ft (6.1m)	CA-NMRTMA020	27.98	25.18	22.38	CALL

Reverse Polarity BNC Plug / Type N Male

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-RBPNA002	20.21	18.19	16.16	CALL
		4.0ft (1.2m)	CA-RBPNA004	21.24	19.12	16.99	CALL
		10.0ft (3.0m)	CA-RBPNA010	24.35	21.92	19.48	CALL
		20.0ft (6.1m)	CA-RBPNA020	29.53	26.58	23.63	CALL

Reverse Polarity SMA Plug / Type N Male

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-RSPNMA002	16.58	14.92	13.26	CALL
		4.0ft (1.2m)	CA-RSPNMA004	17.62	15.85	14.09	CALL
		10.0ft (3.0m)	CA-RSPNMA010	20.72	18.65	16.58	CALL
		20.0ft (6.1m)	CA-RSPNMA020	25.91	23.31	20.72	CALL
200-Series Center Conductor: Solid copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyethylene Operating Temperature: -40°C - +80°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-RSPNME002	18.76	16.88	15.00	CALL
		4.0ft (1.2m)	CA-RSPNME004	19.89	17.91	15.92	CALL
		10.0ft (3.0m)	CA-RSPNME010	23.31	20.98	18.65	CALL
		20.0ft (6.1m)	CA-RSPNME020	29.01	26.11	23.21	CALL
400-Series Center Conductor: Copper clad aluminum Min. Bend Radius: 1.0" (25.4mm) Jacket: Polyethylene Operating Temperature: -40°C - +80°C	.405 in. (10.3mm)	2.0ft (0.6m)	CA4NMRSF002	24.87	22.38	19.90	CALL
		10.0ft (3.0m)	CA4NMRSF010	31.09	27.98	24.87	CALL
		20.0ft (6.1m)	CA4NMRSF020	38.86	34.97	31.09	CALL
		25.0ft (7.6m)	CA4NMRSF025	42.74	38.47	34.19	CALL
		30.0ft (9.0m)	CA4NMRSF030	46.63	41.97	37.30	CALL
		50.0ft (15.2m)	CA4NMRSF050	62.17	55.95	49.74	CALL
400UF-Series Center Conductor: Stranded bare copper Min. Bend Radius: 1.0" (25.4mm) Jacket: Black Thermoplastic Elastomer Operating Temperature: -40°C - +85°C	.405 in. (10.3mm)	5.0ft (1.5m)	CA-NMRSPH005	20.05	18.85	17.64	CALL
		10.0ft (3.0m)	CA-NMRSPH010	26.27	24.69	23.12	CALL
		15.0ft (4.6m)	CA-NMRSPH015	32.48	30.54	28.59	CALL
		25.0ft (7.6m)	CA-NMRSPH025	44.92	42.22	39.53	CALL
		50.0ft (15.2m)	CA-NMRSPH050	76.01	71.44	66.88	CALL
		75.0ft (22.9m)	CA-NMRSPH075	107.09	100.67	94.24	CALL
100.0ft (30.5)	CA-NMRSPH100	138.18	129.89	121.60	CALL		

Reverse Polarity SMA Plug / Type N Female

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-RSPNFA002	15.02	13.52	12.02	CALL
		4.0ft (1.2m)	CA-RSPNFA004	16.06	14.45	12.85	CALL
		10.0ft (3.0m)	CA-RSPNFA010	19.17	17.25	15.34	CALL
		20.0ft (6.1m)	CA-RSPNFA020	24.35	21.92	19.48	CALL

Reverse Polarity SMA Plug / Type N Female Bulkhead

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-RSPNFA002	18.65	16.79	14.92	CALL
		4.0ft (1.2m)	CA-RSPNFA004	19.69	17.72	15.75	CALL
		10.0ft (3.0m)	CA-RSPNFA010	23.06	20.75	18.44	CALL
		20.0ft (6.1m)	CA-RSPNFA020	28.24	25.41	22.59	CALL

Reverse Polarity SMA Plug / Reverse Polarity SMA Jack

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-RSPRSJA002	18.65	16.79	14.92	CALL
		4.0ft (1.2m)	CA-RSPRSJA004	19.69	17.72	15.75	CALL
		10.0ft (3.0m)	CA-RSPRSJA010	22.80	20.52	18.24	CALL
		20.0ft (6.1m)	CA-RSPRSJA020	27.98	25.18	22.38	CALL

Reverse Polarity SMA Jack / Reverse Polarity TNC Plug

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-RSJRTPA002	17.62	15.85	14.09	CALL
		4.0ft (1.2m)	CA-RSJRTPA004	18.65	16.79	14.92	CALL
		10.0ft (3.0m)	CA-RSJRTPA010	21.76	19.58	17.41	CALL
		20.0ft (6.1m)	CA-RSJRTPA020	26.94	24.25	21.55	CALL



CA-NMRSMA



CA-NMRTMA



CA-RBPNA



CA4NMRSF



CA-RSPNFA



CA-RSPRSJA



CA-RSJRTPA

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CA-RTPNME



CA-6RTPNM



CA-RTPNFT



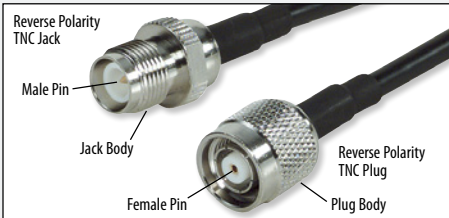
CA-RTPNFBA



CA-RTMRTF

Tip *Identifying a reverse polarized connector*

A reverse polarized coaxial connector alters a standard polarized connector interface by utilizing a male center pin in a jack body or a female center pin in a plug body. Reverse polarity connectors are sometimes used in an attempt to "key" connections so that incorrect connections are not possible. This also prevents mating with a standard non-polarized connector. Common reverse polarized interfaces are RP-SMA and RP-TNC.



Reverse Polarity TNC Plug/Type N Male

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-RTPNMA002	11.40	10.26	9.12	CALL
		4.0ft (1.2m)	CA-RTPNMA004	12.43	11.19	9.95	CALL
		10.0ft (3.0m)	CA-RTPNMA010	15.54	13.99	12.43	CALL
		20.0ft (6.1m)	CA-RTPNMA020	20.72	18.65	16.58	CALL
200-Series Center Conductor: Solid copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyethylene Operating Temperature: -40°C - +80°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-RTPNME002	18.76	16.88	15.00	CALL
		4.0ft (1.2m)	CA-RTPNME004	19.89	17.91	15.92	CALL
		10.0ft (3.0m)	CA-RTPNME010	23.31	20.98	18.65	CALL
		20.0ft (6.1m)	CA-RTPNME020	29.01	26.11	23.21	CALL
240-Series Center Conductor: Solid copper Min. Bend Radius: 0.75" (19.1mm) Jacket: Polyethylene Operating Temperature: -40°C - +80°C	.240 in. (6.1mm)	2.0ft (0.6m)	CA-RTPNMT002	18.91	17.02	15.13	CALL
		4.0ft (1.2m)	CA-RTPNMT004	20.26	18.23	16.21	CALL
		10.0ft (3.0m)	CA-RTPNMT010	24.30	21.87	19.44	CALL
		20.0ft (6.1m)	CA-RTPNMT020	31.03	27.93	24.83	CALL
400-Series Center Conductor: Copper clad aluminum Min. Bend Radius: 1.0" (25.4mm) Jacket: Polyethylene Operating Temperature: -40°C - +80°C	.405 in. (10.3mm)	2.0ft (0.6m)	CA4NMRTF002	24.87	22.38	19.90	CALL
		10.0ft (3.0m)	CA4NMRTF010	31.09	27.98	24.87	CALL
		20.0ft (6.1m)	CA4NMRTF020	38.86	34.97	31.09	CALL
		25.0ft (7.6m)	CA4NMRTF025	42.74	38.47	34.19	CALL
		50.0ft (15.2m)	CA4NMRTF050	62.17	55.95	49.74	CALL
		100.0ft (30.5m)	CA4NMRTF100	113.98	102.58	91.19	CALL
400UF-Series Ultra Flex Center Conductor: Stranded bare copper Min. Bend Radius: 1.0" (25.4mm) Jacket: Black Thermoplastic Elastomer Operating Temperature: -40°C - +85°C	.405 in. (10.3mm)	5.0ft (1.5m)	CA-NMRTPH005	25.08	23.57	22.07	CALL
		10.0ft (3.0m)	CA-NMRTPH010	31.29	29.42	27.54	CALL
		15.0ft (4.6m)	CA-NMRTPH015	37.51	35.26	33.01	CALL
		25.0ft (7.6m)	CA-NMRTPH025	49.94	46.95	43.95	CALL
		50.0ft (15.2m)	CA-NMRTPH050	81.03	76.17	71.31	CALL
		75.0ft (22.9m)	CA-NMRTPH075	112.12	105.39	98.66	CALL
600-Series Center Conductor: Solid copper Min. Bend Radius: 1.50" (38.1mm) Jacket: Polyethylene Operating Temperature: -40°C - +80°C	.590 in. (15.0mm)	10.0ft (3.0m)	CA-6RTPNM010	41.97	38.61	35.25	CALL
		25.0ft (7.6m)	CA-6RTPNM025	69.17	63.63	58.10	CALL
		50.0ft (15.2m)	CA-6RTPNM050	114.50	105.34	96.18	CALL
		75.0ft (22.9m)	CA-6RTPNM075	159.83	147.05	134.26	CALL
		100.0ft (30.5m)	CA-6RTPNM100	215.53	198.29	181.04	CALL

Reverse Polarity TNC Plug/Type N Female

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-RTPNFA002	18.65	16.79	14.92	CALL
		4.0ft (1.2m)	CA-RTPNFA004	19.69	17.72	15.75	CALL
		10.0ft (3.0m)	CA-RTPNFA010	22.80	20.52	18.24	CALL
		20.0ft (6.1m)	CA-RTPNFA020	27.98	25.18	22.38	CALL
240-Series Center Conductor: Solid copper Min. Bend Radius: 0.75" (19.1mm) Jacket: Polyethylene Operating Temperature: -40°C - +80°C	.240 in. (6.1mm)	2.0ft (0.6m)	CA-RTPNFT002	18.91	17.02	15.13	CALL
		4.0ft (1.2m)	CA-RTPNFT004	20.26	18.23	16.21	CALL
		10.0ft (3.0m)	CA-RTPNFT010	24.30	21.87	19.44	CALL
		20.0ft (6.1m)	CA-RTPNFT020	31.03	27.93	24.83	CALL

Reverse Polarity TNC Plug/Type N Female Bulkhead

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-RTPNFBA002	18.65	16.79	14.92	CALL
		4.0ft (1.2m)	CA-RTPNFBA004	19.69	17.72	15.75	CALL
		10.0ft (3.0m)	CA-RTPNFBA010	22.80	20.52	18.24	CALL
		20.0ft (6.1m)	CA-RTPNFBA020	27.98	25.18	22.38	CALL

Reverse Polarity TNC Plug/Reverse Polarity TNC Jack

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-RTPRTJA002	17.62	15.85	14.09	CALL
		4.0ft (1.2m)	CA-RTPRTJA004	18.65	16.79	14.92	CALL
		10.0ft (3.0m)	CA-RTPRTJA010	21.76	19.58	17.41	CALL
		20.0ft (6.1m)	CA-RTPRTJA020	26.94	24.25	21.55	CALL
400-Series Center Conductor: Copper clad aluminum Min. Bend Radius: 1.0" (25.4mm) Jacket: Polyethylene Operating Temperature: -40°C - +80°C	.405 in. (10.3mm)	2.0ft (0.6m)	CA4RTMRTF002	24.87	22.38	19.90	CALL
		10.0ft (3.0m)	CA4RTMRTF010	31.09	27.98	24.87	CALL
		20.0ft (6.1m)	CA4RTMRTF020	38.86	34.97	31.09	CALL
		25.0ft (7.6m)	CA4RTMRTF025	42.74	38.47	34.19	CALL
		50.0ft (15.2m)	CA4RTMRTF050	62.17	55.95	49.74	CALL

Reverse Polarity TNC Plug Right Angle/Type N Male

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-RTPRNMA002	14.51	13.06	11.61	CALL
		4.0ft (1.2m)	CA-RTPRNMA004	15.54	13.99	12.43	CALL
		10.0ft (3.0m)	CA-RTPRNMA010	18.65	16.79	14.92	CALL
		20.0ft (6.1m)	CA-RTPRNMA020	23.83	21.45	19.07	CALL

Reverse Polarity TNC Plug / Reverse Polarity TNC Plug

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-RTPRTPA002	17.62	15.85	14.09	CALL
		4.0ft (1.2m)	CA-RTPRTPA004	18.65	16.79	14.92	CALL
		10.0ft (3.0m)	CA-RTPRTPA010	21.76	19.58	17.41	CALL
		20.0ft (6.1m)	CA-RTPRTPA020	26.94	24.25	21.55	CALL
400-Series Center Conductor: Copper clad aluminum Min. Bend Radius: 1.0" (25.4mm) Jacket: Polyethylene Operating Temperature: -40°C - +80°C	.405 in. (10.3mm)	2.0ft (0.6m)	CA4RTPRTP002	24.87	22.38	19.90	CALL
		10.0ft (3.0m)	CA4RTPRTP010	31.09	27.98	24.87	CALL
		50.0ft (15.2m)	CA4RTPRTP050	62.17	55.95	49.74	CALL

SMA Male/Type N Male

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-SMNMA002	14.51	13.06	11.61	CALL
		4.0ft (1.2m)	CA-SMNMA004	15.54	13.99	12.43	CALL
		10.0ft (3.0m)	CA-SMNMA010	18.65	16.79	14.92	CALL
		20.0ft (6.1m)	CA-SMNMA020	23.83	21.45	19.07	CALL
240-Series Center Conductor: Solid copper Min. Bend Radius: 0.75" (19.1mm) Jacket: Polyethylene Operating Temperature: -40°C - +80°C	.240 in. (6.1mm)	2.0ft (0.6m)	CA-SMNMT002	18.91	17.02	15.13	CALL
		4.0ft (1.2m)	CA-SMNMT004	20.26	18.23	16.21	CALL
		10.0ft (3.0m)	CA-SMNMT010	24.30	21.87	19.44	CALL
		20.0ft (6.1m)	CA-SMNMT020	31.03	27.93	24.83	CALL
400-Series Center Conductor: Copper clad aluminum Min. Bend Radius: 1.0" (25.4mm) Jacket: Polyethylene Operating Temperature: -40°C - +80°C	.405 in. (10.3mm)	2.0ft (0.6m)	CA4NMSM002	27.98	25.18	22.38	CALL
		10.0ft (3.0m)	CA4NMSM010	34.19	30.78	27.36	CALL
		25.0ft (7.6m)	CA4NMSM025	45.85	41.27	36.68	CALL

SMA Male/Type N Female

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-SMNF002	14.51	13.06	11.61	CALL
		4.0ft (1.2m)	CA-SMNF004	15.54	13.99	12.43	CALL
		10.0ft (3.0m)	CA-SMNF010	18.65	16.79	14.92	CALL
		20.0ft (6.1m)	CA-SMNF020	23.83	21.45	19.07	CALL

SMA Male/Type N Female Bulkhead

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-SMNFBA002	24.87	22.38	19.90	CALL
		4.0ft (1.2m)	CA-SMNFBA004	25.91	23.31	20.72	CALL
		10.0ft (3.0m)	CA-SMNFBA010	29.01	26.11	23.21	CALL
		20.0ft (6.1m)	CA-SMNFBA020	34.19	30.78	27.36	CALL

SMA Male Right Angle/Type N Male

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-SMRNMA002	14.51	13.06	11.61	CALL
		4.0ft (1.2m)	CA-SMRNMA004	15.54	13.99	12.43	CALL
		10.0ft (3.0m)	CA-SMRNMA010	18.65	16.79	14.92	CALL
		20.0ft (6.1m)	CA-SMRNMA020	23.83	21.45	19.07	CALL

SMA Male Right Angle/Type N Female

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-SMRNFA002	20.21	18.19	16.16	CALL
		4.0ft (1.2m)	CA-SMRNFA004	21.24	19.12	16.99	CALL
		10.0ft (3.0m)	CA-SMRNFA010	24.35	21.92	19.48	CALL
		20.0ft (6.1m)	CA-SMRNFA020	29.53	26.58	23.63	CALL

SMA Male Right Angle/Type N Female Bulkhead

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-SMRNFA002	24.35	21.92	19.48	CALL
		4.0ft (1.2m)	CA-SMRNFA004	25.39	22.85	20.31	CALL
		10.0ft (3.0m)	CA-SMRNFA010	28.50	25.65	22.80	CALL
		20.0ft (6.1m)	CA-SMRNFA020	33.68	30.31	26.94	CALL



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TNC Male/Type N Male							
Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-TMNMA002	18.65	16.79	14.92	CALL
		4.0ft (1.2m)	CA-TMNMA004	19.69	17.72	15.75	CALL
		10.0ft (3.0m)	CA-TMNMA010	22.80	20.52	18.24	CALL
		20.0ft (6.1m)	CA-TMNMA020	27.98	25.18	22.38	CALL

TNC Male/Type N Female							
Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-TMNFA002	18.65	16.79	14.92	CALL
		4.0ft (1.2m)	CA-TMNFA004	19.69	17.72	15.75	CALL
		10.0ft (3.0m)	CA-TMNFA010	22.80	20.52	18.24	CALL
		20.0ft (6.1m)	CA-TMNFA020	27.98	25.18	22.38	CALL

Type F Male/Type N Male							
Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-FMNMA002	19.17	17.25	15.34	CALL
		4.0ft (1.2m)	CA-FMNMA004	20.21	18.19	16.16	CALL
		10.0ft (3.0m)	CA-FMNMA010	23.31	20.98	18.65	CALL
		20.0ft (6.1m)	CA-FMNMA020	28.50	25.65	22.80	CALL

QMA Plug Right Angle/Type N Male							
Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
195-Series Center Conductor: Solid bare copper Min. Bend Radius: 0.50" (12.7mm) Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated) Operating Temperature: -20°C - +60°C	.195 in. (5.0mm)	2.0ft (0.6m)	CA-QPNMA002	28.50	25.65	22.80	CALL
		4.0ft (1.2m)	CA-QPNMA004	29.53	26.58	23.63	CALL
		10.0ft (3.0m)	CA-QPNMA010	32.64	29.38	26.11	CALL
		20.0ft (6.1m)	CA-QPNMA020	37.82	34.04	30.26	CALL

Plenum Rated Low PIM Series Coaxial Assemblies

L-com's Plenum Rated Low PIM cable assemblies feature RG401 or RG402 cable and are available with 7/16 DIN Male and Type N Male connectors. Ideal for Distributed Antenna Systems (DAS), these cables assemblies are not only Plenum Rated, but feature PIM specifications as low -160 dBc. These cables assemblies are available to order using L-com's online cable configurator. Customers can select cable type, connector options and select custom lengths in inches, feet or meter.

RG402 Plenum Rated Low PIM Coaxial Cable

RG402		RG402 • Center Conductor: .036" (0.93mm) solid silver plated copper • Outer Conductor: .138" (3.5mm) Tinned soaked copper braid • Jacket: Blue FEP • Operating Temperature: -55°C - +125°C • Low PIM @ 900~1800 MHz: ≤ -160 dBc	ATTENUATION @ 20°C & Seal Level	
			MHz	db/100m
			150	15.61
			450	27.04
			900	38.24
			200	57.0
			2500	63.73
			5800	97

Base pricing for RG401 Cable Assemblies: \$70.00

LENGTH PRICING ADDERS:

Inch - \$0.64/Per Inch	Foot: \$7.62/Per Foot	Meter: \$25.00/Per Meter	Example: 2 Meter Cable Assembly = \$120.00
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RG401 Plenum Rated Low PIM Coaxial Cable

RG401		RG401 • Center Conductor: .064" (1.6mm) solid silver plated copper • Outer Conductor: .244" (6.2mm) Tinned soaked copper braid • Jacket: Blue FEP • Operating Temperature: -55°C - +125°C • Low PIM @ 900~1800 MHz: ≤ -160 dBc	ATTENUATION @ 20°C & Seal Level	
			GHz	db/m
			0.5	0.187
			1.0	0.275
			3.0	0.506

Base pricing for RG401 Cable Assemblies: \$70.00

LENGTH PRICING ADDERS:

Inch - \$0.51/Per Inch	Foot: \$6.10/Per Foot	Meter: \$20.00/Per Meter	Example: 2 Meter Cable Assembly = \$110.00
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Item #	Description	Cable Type	Attachment	1-9	10-24	25-99	100+
Low PIM Coaxial Connectors - 50 Ohm							
ADM-1P100	7/16 DIN Male	RG401	Solder	10.36	9.53	8.70	CALL
ADM-1P200	7/16 DIN Male	RG402	Solder	10.36	9.53	8.70	CALL
ANM-1P100	Type N Male	RG401	Solder	10.36	9.53	8.70	CALL
ANM-1P200	Type N Male	RG402	Solder	10.36	9.53	8.70	CALL

Low PIM Coaxial Adapters - 50 Ohm

AXA-PDMMD	7/16 DIN Male / 7/16 DIN Male	77.72	71.50	65.28	CALL
AXA-PDMDF	7/16 DIN Male / 7/16 DIN Female	77.72	71.50	65.28	CALL
AXA-PNMNF	Type N Male / Type N Female	67.35	61.96	56.58	CALL
AXA-PNFnF	Type N Female / Type N Female	51.81	47.67	43.52	CALL

Semi-Rigid and Formable 50 Ohm Coaxial Assemblies

L-com offers quality crafted Semi-Rigid and Formable coax cable assemblies for use in a wide array of applications. These cable assemblies are designed, manufactured and tested using state of the art equipment to ensure the highest quality to our customers.

Have custom cable requirements? We can custom build your Semi-Rigid and Formable cable assemblies using the very best in forming and stripping equipment. In addition to our standard cable types, we can build cable assemblies using Semi-Rigid Low Loss Aluminum or Copper cable from sizes of .047 (1.2mm) to .250 (6.4mm) with a wide array of available connector types. Contact us today with your custom cable requirements.



Tip *What is the difference between Semi-Rigid and Formable cable?*

Semi-rigid cable is a coaxial form using a solid copper outer sheath. This type of coax offers superior screening compared to cables with a braided outer conductor, especially at higher frequencies. The major disadvantage is that the cable, as its name implies, is not very flexible, and is not intended to be flexed after initial forming. This type of cable is also called "hard line" cable.

Formable cable is a flexible reformable alternative to semi-rigid coaxial cable used where flexibility is required. Formable cable can be stripped and formed by hand without the need for special tools, similar to standard coaxial cable. Also this cable type is ideal for laying out and designing pre-bent semi-rigid assemblies.

.085 Semi-Rigid Cables

Type	Cable Dia.	Length	Connectors	Item #	1-9	10-24	25-99	100+
.085 Semi-Rigid Inner Conductor: Silver plated copper covered steel Outer Conductor: Tin plated copper	.085 in. (2.2mm)	6.0in (152.4mm)	N Male/N Male	CA-085SCNMM006	49.22	46.27	43.31	CALL
		12.0in (304.8mm)	N Male/N Male	CA-085SCNMM012	52.85	49.68	46.50	CALL
		18.0in (457.2mm)	N Male/N Male	CA-085SCNMM018	56.47	53.08	49.70	CALL
		6.0in (152.4mm)	N Male/N Female	CA-085SCNMF006	48.96	46.02	43.09	CALL
		12.0in (304.8mm)	N Male/N Female	CA-085SCNMF012	52.59	49.43	46.28	CALL
		18.0in (457.2mm)	N Male/N Female	CA-085SCNMF018	56.21	52.84	49.47	CALL
		6.0in (152.4mm)	N Male/SMA Male	CA-085SCNMSM006	47.92	45.05	42.17	CALL
		12.0in (304.8mm)	N Male/SMA Male	CA-085SCNMSM012	51.55	48.46	45.36	CALL
		18.0in (457.2mm)	N Male/SMA Male	CA-085SCNMSM018	55.18	51.87	48.56	CALL
		6.0in (152.4mm)	SMA Male/SMA Male	CA-085SCSMSM006	46.89	44.07	41.26	CALL
		12.0in (304.8mm)	SMA Male/SMA Male	CA-085SCSMSM012	50.51	47.48	44.45	CALL
		18.0in (457.2mm)	SMA Male/SMA Male	CA-085SCSMSM018	54.14	50.89	47.64	CALL

.141 Semi-Rigid Cables

Type	Cable Dia.	Length	Connectors	Item #	1-9	10-24	25-99	100+
.141 Semi-Rigid Inner Conductor: Silver plated copper covered steel Outer Conductor: Tin plated copper	.141 in. (3.6mm)	6.0in (152.4mm)	N Male/N Male	CA-141SCNMM006	52.85	49.68	46.50	CALL
		12.0in (304.8mm)	N Male/N Male	CA-141SCNMM012	56.99	53.57	50.15	CALL
		18.0in (457.2mm)	N Male/N Male	CA-141SCNMM018	61.14	57.47	53.80	CALL
		6.0in (152.4mm)	N Male/N Female	CA-141SCNMF006	52.59	49.43	46.28	CALL
		12.0in (304.8mm)	N Male/N Female	CA-141SCNMF012	56.73	53.33	49.92	CALL
		18.0in (457.2mm)	N Male/N Female	CA-141SCNMF018	60.88	57.22	53.57	CALL
		6.0in (152.4mm)	N Male/SMA Male	CA-141SCNMSM006	51.55	48.46	45.36	CALL
		12.0in (304.8mm)	N Male/SMA Male	CA-141SCNMSM012	55.70	52.35	49.01	CALL
		18.0in (457.2mm)	N Male/SMA Male	CA-141SCNMSM018	59.84	56.25	52.66	CALL
		6.0in (152.4mm)	SMA Male/SMA Male	CA-141SCSMSM006	50.51	47.48	44.45	CALL
		12.0in (304.8mm)	SMA Male/SMA Male	CA-141SCSMSM012	54.66	51.38	48.10	CALL
		18.0in (457.2mm)	SMA Male/SMA Male	CA-141SCSMSM018	58.80	55.28	51.75	CALL

.085 Formable Cables

Type	Cable Dia.	Length	Connectors	Item #	1-9	10-24	25-99	100+
.085 Formable Inner Conductor: Silver plated copper covered steel Outer Conductor: Tin overcoat-tinned annealed copper wire braiding	.085 in. (2.2mm)	6.0in (152.4mm)	N Male/N Male	CA-085FNMM006	49.22	46.27	43.31	CALL
		12.0in (304.8mm)	N Male/N Male	CA-085FNMM012	52.85	49.68	46.50	CALL
		18.0in (457.2mm)	N Male/N Male	CA-085FNMM018	56.47	53.08	49.70	CALL
		6.0in (152.4mm)	N Male/N Female	CA-085FNMF006	48.96	46.02	43.09	CALL
		12.0in (304.8mm)	N Male/N Female	CA-085FNMF012	52.59	49.43	46.28	CALL
		18.0in (457.2mm)	N Male/N Female	CA-085FNMF018	56.21	52.84	49.47	CALL
		6.0in (152.4mm)	N Male/SMA Male	CA-085FNMSM006	47.92	45.05	42.17	CALL
		12.0in (304.8mm)	N Male/SMA Male	CA-085FNMSM012	51.55	48.46	45.36	CALL
		18.0in (457.2mm)	N Male/SMA Male	CA-085FNMSM018	55.18	51.87	48.56	CALL
		6.0in (152.4mm)	SMA Male/SMA Male	CA-085FSMSM006	46.89	44.07	41.26	CALL
		12.0in (304.8mm)	SMA Male/SMA Male	CA-085FSMSM012	50.51	47.48	44.45	CALL
		18.0in (457.2mm)	SMA Male/SMA Male	CA-085FSMSM018	54.14	50.89	47.64	CALL

.141 Formable Cables

Type	Cable Dia.	Length	Connectors	Item #	1-9	10-24	25-99	100+
.141 Formable Inner Conductor: Silver plated copper covered steel Outer Conductor: Tin overcoat-tinned annealed copper wire braiding	.141 in. (3.6mm)	6.0in (152.4mm)	N Male/N Male	CA-141FNMM006	52.85	49.68	46.50	CALL
		12.0in (304.8mm)	N Male/N Male	CA-141FNMM012	56.99	53.57	50.15	CALL
		18.0in (457.2mm)	N Male/N Male	CA-141FNMM018	61.14	57.47	53.80	CALL
		6.0in (152.4mm)	N Male/N Female	CA-141FNMF006	52.59	49.43	46.28	CALL
		12.0in (304.8mm)	N Male/N Female	CA-141FNMF012	56.73	53.33	49.92	CALL
		18.0in (457.2mm)	N Male/N Female	CA-141FNMF018	60.88	57.22	53.57	CALL
		6.0in (152.4mm)	N Male/SMA Male	CA-141FNMSM006	51.55	48.46	45.36	CALL
		12.0in (304.8mm)	N Male/SMA Male	CA-141FNMSM012	55.70	52.35	49.01	CALL
		18.0in (457.2mm)	N Male/SMA Male	CA-141FNMSM018	59.84	56.25	52.66	CALL
		6.0in (152.4mm)	SMA Male/SMA Male	CA-141FSMSM006	50.51	47.48	44.45	CALL
		12.0in (304.8mm)	SMA Male/SMA Male	CA-141FSMSM012	54.66	51.38	48.10	CALL
		18.0in (457.2mm)	SMA Male/SMA Male	CA-141FSMSM018	58.80	55.28	51.75	CALL



CA-6DMDM

7/16 DIN Male to 7/16 DIN Male							
Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
400-Series Center Conductor: Copper clad aluminum Min. Bend Radius: 1.0" (25.4mm) Jacket: Polyethylene Operating Temperature: -40°C - +80°C	.405 in. (10.3mm)	10.0ft (3.0m)	CA-DMDMF010	95.85	88.18	80.51	CALL
		15.0ft (4.6m)	CA-DMDMF015	99.73	91.76	83.78	CALL
		25.0ft (7.6m)	CA-DMDMF025	107.51	98.91	90.30	CALL
		50.0ft (15.2m)	CA-DMDMF050	126.93	116.78	106.62	CALL
		75.0ft (22.9m)	CA-DMDMF075	146.36	134.65	122.95	CALL
		100.0ft (30.5m)	CA-DMDMF100	176.15	162.06	147.97	CALL
400UF-Series Ultra Flex Center Conductor: Stranded bare copper Min. Bend Radius: 1.0" (25.4mm) Jacket: Black Thermoplastic Elastomer Operating Temperature: -40°C - +85°C	.405 in. (10.3mm)	10.0ft (3.0m)	CA-DMDMH010	100.51	92.47	84.43	CALL
		15.0ft (4.6m)	CA-DMDMH015	106.73	98.19	89.65	CALL
		25.0ft (7.6m)	CA-DMDMH025	119.16	109.63	100.10	CALL
		50.0ft (15.2m)	CA-DMDMH050	150.25	138.23	126.21	CALL
		75.0ft (22.9m)	CA-DMDMH075	181.34	166.83	152.32	CALL
		100.0ft (30.5m)	CA-DMDMH100	222.78	204.96	187.14	CALL
600-Series Center Conductor: Solid copper Min. Bend Radius: 1.50" (38.1mm) Jacket: Polyethylene Operating Temperature: -40°C - +80°C	.590 in. (15.0mm)	10.0ft (3.0m)	CA-6DMDM010	116.57	107.25	97.92	CALL
		25.0ft (7.6m)	CA-6DMDM025	143.77	132.27	120.77	CALL
		50.0ft (15.2m)	CA-6DMDM050	189.11	173.98	158.85	CALL
		75.0ft (22.9m)	CA-6DMDM075	234.44	215.68	196.93	CALL
		100.0ft (30.5m)	CA-6DMDM100	290.14	266.93	243.71	CALL
		125.0ft (38.1m)	CA-6DMDM125	335.47	308.63	281.79	CALL



CA-DMDFH

7/16 DIN Male/7/16 DIN Female							
Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
400-Series Center Conductor: Copper clad aluminum Min. Bend Radius: 1.0" (25.4mm) Jacket: Polyethylene Operating Temperature: -40°C - +80°C	.405 in. (10.3mm)	10.0ft (3.0m)	CA-DMDFF010	101.03	92.95	84.86	CALL
		15.0ft (4.6m)	CA-DMDFF015	104.92	96.52	88.13	CALL
		25.0ft (7.6m)	CA-DMDFF025	112.69	103.67	94.66	CALL
		50.0ft (15.2m)	CA-DMDFF050	132.12	121.55	110.98	CALL
		75.0ft (22.9m)	CA-DMDFF075	151.54	139.42	127.30	CALL
		100.0ft (30.5m)	CA-DMDFF100	181.34	166.83	152.32	CALL
400UF-Series Ultra Flex Center Conductor: Stranded bare copper Min. Bend Radius: 1.0" (25.4mm) Jacket: Black Thermoplastic Elastomer Operating Temperature: -40°C - +85°C	.405 in. (10.3mm)	10.0ft (3.0m)	CA-DMDFH010	105.69	97.24	88.78	CALL
		15.0ft (4.6m)	CA-DMDFH015	111.91	102.96	94.00	CALL
		25.0ft (7.6m)	CA-DMDFH025	124.34	114.40	104.45	CALL
		50.0ft (15.2m)	CA-DMDFH050	155.43	143.00	130.56	CALL
		75.0ft (22.9m)	CA-DMDFH075	186.52	171.59	156.67	CALL
		100.0ft (30.5m)	CA-DMDFH100	227.96	209.73	191.49	CALL
600-Series Center Conductor: Solid copper Min. Bend Radius: 1.50" (38.1mm) Jacket: Polyethylene Operating Temperature: -40°C - +80°C	.590 in. (15.0mm)	10.0ft (3.0m)	CA-6DMDF010	121.75	112.01	102.27	CALL
		25.0ft (7.6m)	CA-6DMDF025	148.95	137.04	125.12	CALL
		50.0ft (15.2m)	CA-6DMDF050	194.29	178.74	163.20	CALL
		75.0ft (22.9m)	CA-6DMDF075	239.62	220.45	201.28	CALL
		100.0ft (30.5m)	CA-6DMDF100	295.32	271.69	248.07	CALL
		125.0ft (38.1m)	CA-6DMDF125	340.65	313.40	286.15	CALL



CA-6DMNM

7/16 DIN Male/Type N Male							
Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
400-Series Center Conductor: Copper clad aluminum Min. Bend Radius: 1.0" (25.4mm) Jacket: Polyethylene Operating Temperature: -40°C - +80°C	.405 in. (10.3mm)	10.0ft (3.0m)	CA-DMNMF010	80.31	73.88	67.46	CALL
		15.0ft (4.6m)	CA-DMNMF015	84.19	77.46	70.72	CALL
		25.0ft (7.6m)	CA-DMNMF025	91.96	84.61	77.25	CALL
		50.0ft (15.2m)	CA-DMNMF050	111.39	102.48	93.57	CALL
		75.0ft (22.9m)	CA-DMNMF075	130.82	120.35	109.89	CALL
		100.0ft (30.5m)	CA-DMNMF100	160.61	147.76	134.91	CALL
400UF-Series Ultra Flex Center Conductor: Stranded bare copper Min. Bend Radius: 1.0" (25.4mm) Jacket: Black Thermoplastic Elastomer Operating Temperature: -40°C - +85°C	.405 in. (10.3mm)	10.0ft (3.0m)	CA-DMNMH010	84.97	78.17	71.37	CALL
		15.0ft (4.6m)	CA-DMNMH015	91.19	83.89	76.60	CALL
		25.0ft (7.6m)	CA-DMNMH025	103.62	95.33	87.04	CALL
		50.0ft (15.2m)	CA-DMNMH050	134.71	123.93	113.15	CALL
		75.0ft (22.9m)	CA-DMNMH075	165.79	152.53	139.27	CALL
		100.0ft (30.5m)	CA-DMNMH100	207.24	190.66	174.08	CALL
600-Series Center Conductor: Solid copper Min. Bend Radius: 1.50" (38.1mm) Jacket: Polyethylene Operating Temperature: -40°C - +80°C	.590 in. (15.0mm)	10.0ft (3.0m)	CA-6DMNM010	95.85	88.18	80.51	CALL
		25.0ft (7.6m)	CA-6DMNM025	123.05	113.20	103.36	CALL
		50.0ft (15.2m)	CA-6DMNM050	168.38	154.91	141.44	CALL
		75.0ft (22.9m)	CA-6DMNM075	213.72	196.62	179.52	CALL
		100.0ft (30.5m)	CA-6DMNM100	269.41	247.86	226.31	CALL
		125.0ft (38.1m)	CA-6DMNM125	314.75	289.57	264.39	CALL



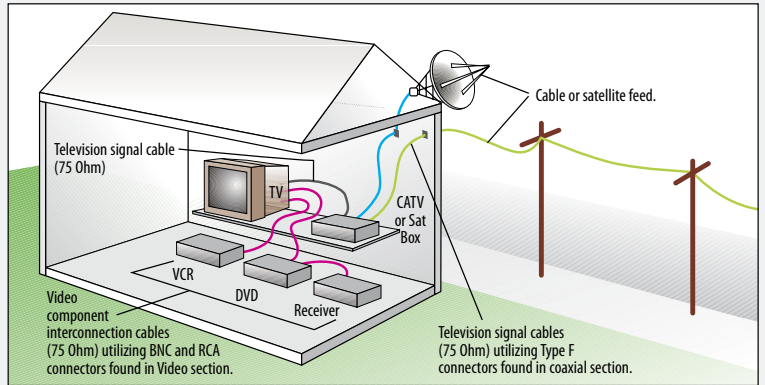
CA-DMNFF

7/16 DIN Male/Type N Female							
Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
400-Series Center Conductor: Copper clad aluminum Min. Bend Radius: 1.0" (25.4mm) Jacket: Polyethylene Operating Temperature: -40°C - +80°C	.405 in. (10.3mm)	10.0ft (3.0m)	CA-DMNFF010	80.31	73.88	67.46	CALL
		15.0ft (4.6m)	CA-DMNFF015	84.19	77.46	70.72	CALL
		25.0ft (7.6m)	CA-DMNFF025	91.96	84.61	77.25	CALL
		50.0ft (15.2m)	CA-DMNFF050	111.39	102.48	93.57	CALL
		75.0ft (22.9m)	CA-DMNFF075	130.82	120.35	109.89	CALL
		100.0ft (30.5m)	CA-DMNFF100	160.61	147.76	134.91	CALL
400UF-Series Ultra Flex Center Conductor: Stranded bare copper Min. Bend Radius: 1.0" (25.4mm) Jacket: Black Thermoplastic Elastomer Operating Temperature: -40°C - +85°C	.405 in. (10.3mm)	10.0ft (3.0m)	CA-DMNFH010	84.97	78.17	71.37	CALL
		15.0ft (4.6m)	CA-DMNFH015	91.19	83.89	76.60	CALL
		25.0ft (7.6m)	CA-DMNFH025	103.62	95.33	87.04	CALL
		50.0ft (15.2m)	CA-DMNFH050	134.71	123.93	113.15	CALL
		75.0ft (22.9m)	CA-DMNFH075	165.79	152.53	139.27	CALL
		100.0ft (30.5m)	CA-DMNFH100	207.24	190.66	174.08	CALL
600-Series Center Conductor: Solid copper Min. Bend Radius: 1.50" (38.1mm) Jacket: Polyethylene Operating Temperature: -40°C - +80°C	.590 in. (15.0mm)	10.0ft (3.0m)	CA-6DMNF010	95.85	88.18	80.51	CALL
		25.0ft (7.6m)	CA-6DMNF025	123.05	113.20	103.36	CALL
		50.0ft (15.2m)	CA-6DMNF050	168.38	154.91	141.44	CALL
		75.0ft (22.9m)	CA-6DMNF075	213.72	196.62	179.52	CALL
		100.0ft (30.5m)	CA-6DMNF100	269.41	247.86	226.31	CALL
		125.0ft (38.1m)	CA-6DMNF125	314.75	289.57	264.39	CALL

Don't see what you are looking for? Be sure to visit L-com.com for a complete listing of all available cable assemblies, as well as our online Custom Cable Configurator and Product Wizards.

Tip *When is a 75 Ohm coaxial cable used?*

The primary use of a 75 Ohm cable is to transmit a video signal. One of the typical applications is television signals over cable, sometimes called signal feed cables. The most common connector used in this application is a Type F. Another application is video signals between components such as DVD players, VCRs or Receivers commonly known as audio/video (A/V) cables. In this case BNC and RCA connectors are most often found. In both of these applications RG59 with both solid center conductor (RG59B/U) and stranded center conductor (RG59A/U) as well as RG6 are often found. The cable assemblies offered in the following section cover the most common connection situations found in both applications.



Tip *Distinguishing between 50 and 75 Ohm BNC connectors*

BNC connectors are one of the few coaxial connectors that are available in two impedance values of 50 and 75 Ohms. You can distinguish the two types by the absence of dielectric material at the interface of the 75 Ohm version as shown.



Best Seller



CC59A



CTL1B



CC179B



CC6PB

75 Ohm Coaxial Cables

L-com offers a wide variety of 75 ohm coaxial video cable assemblies. Cable types include RG59, RG6, RG179, RG187, and our small OD Thinline cable. Connector types include BNC male & female, RCA, F, and SMB. Please see our website for our complete offering.

Inline BNC Plug to Inline BNC Plug

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+		
RG59A/U Center Conductor: 22 AWG bare compacted copper Jacket: Black PVC Operating Temperature: -40°C - +80°C	.240in. (6.1mm)	0.5ft (0.15m)	CC59A-05	9.38	9.00	8.63	CALL		
		3.0ft (0.9m)	CC59A-3	10.67	10.25	9.82	CALL		
		5.0ft (1.5m)	CC59A-5	11.76	11.29	10.82	CALL		
		10.0ft (3.0m)	CC59A-10	14.45	13.88	13.30	CALL		
		15.0ft (4.6m)	CC59A-15	17.10	16.41	15.73	CALL		
		50.0ft (15.2m)	CC59A-50	35.80	34.37	32.94	CALL		
		100.0ft (30.5m)	CC59A-100	62.48	59.98	57.48	CALL		
		200.0ft (60.1m)	CC59A-200	115.85	111.21	106.58	CALL		
RG59B/U Center Conductor: 22 AWG solid bare copper covered steel Jacket: Black PVC Operating Temperature: -40°C - +80°C	.242in. (6.1mm)	0.5ft (0.15m)	CC59B-05	9.38	9.00	8.63	CALL		
		3.0ft (0.9m)	CC59B-3	10.67	10.25	9.82	CALL		
		5.0ft (1.5m)	CC59B-5	11.76	11.29	10.82	CALL		
		10.0ft (3.0m)	CC59B-10	14.45	13.88	13.30	CALL		
		15.0ft (4.6m)	CC59B-15	17.10	16.41	15.73	CALL		
		25.5ft (7.6m)	CC59B-25	22.43	21.54	20.64	CALL		
		50.0ft (15.2m)	CC59B-50	35.80	34.37	32.94	CALL		
		Thinline Center Conductor: 28 AWG stranded tinned copper wire Jacket: Black PVC Operating Temperature: -40°C - +80°C	.110in. (2.8mm)	1.0ft (0.3m)	CTL1B-1	7.51	7.21	6.91	CALL
2.5ft (0.75m)	CTL1B-2.5			8.29	7.96	7.63	CALL		
5.0ft (1.5m)	CTL1B-5			9.64	9.25	8.87	CALL		
7.5ft (2.3m)	CTL1B-7.5			10.98	10.54	10.11	CALL		
10.0ft (3.0m)	CTL1B-10			12.28	11.79	11.30	CALL		
15.0ft (4.6m)	CTL1B-15			14.97	14.37	13.78	CALL		
RG179B/U Center Conductor: 30 AWG stranded silver plated copper covered steel Jacket: Brown FEP Operating Temperature: -70°C - +200°C	.100in. (2.5mm)			1.0ft (0.3m)	CC179B-1	23.11	22.18	21.26	CALL
				2.5ft (0.75m)	CC179B-2.5	25.56	24.54	23.52	CALL
		5.0ft (1.5m)	CC179B-5	29.72	28.53	27.35	CALL		
		7.5ft (2.3m)	CC179B-7.5	33.83	32.48	31.13	CALL		
		10.0ft (3.0m)	CC179B-10	37.94	36.42	34.91	CALL		
		15.0ft (4.6m)	CC179B-15	46.21	44.36	42.52	CALL		
		RG6/U Center Conductor: 18 AWG solid bare copper covered steel Jacket: White Plenum Operating Temperature: -20°C - +75°C	.222in. (5.6mm)	1.0ft (0.3m)	CC6PB-1	34.74	33.35	31.96	CALL
				1.5ft (0.45m)	CC6PB-1.5	35.86	34.43	32.99	CALL
2.5ft (0.75m)	CC6PB-2.5			39.22	37.65	36.08	CALL		
5.0ft (1.5m)	CC6PB-5			44.83	43.03	41.24	CALL		
10.0ft (3.0m)	CC6PB-10			56.03	53.79	51.55	CALL		
15.0ft (4.6m)	CC6PB-15			67.24	64.55	61.86	CALL		
RG187/U Center Conductor: 30 AWG stranded silver plated copper covered steel Jacket: TFE Teflon tape wrap Operating Temperature: -70°C - +200°C	.110in. (2.8mm)			1.0ft (0.3m)	CC187B-1	30.09	27.68	25.27	CALL
				2.5ft (0.75m)	CC187B-2.5	34.14	31.41	28.68	CALL
		5.0ft (1.5m)	CC187B-5	40.87	37.60	34.33	CALL		
		7.5ft (2.3m)	CC187B-7.5	47.59	43.78	39.98	CALL		
		10.0ft (3.0m)	CC187B-10	54.31	49.97	45.62	CALL		
		15.0ft (4.6m)	CC187B-15	67.76	62.34	56.92	CALL		

Tip *What is the difference between a plug and a jack?*

People often have difficulty choosing the correct gender termination on cable assemblies. Plugs are considered male gendered connectors which utilize a center pin. Jacks are considered female gendered connectors utilizing a center socket.



75 Ohm Coaxial Cables



CC59A-HR



CC59A-HR2



CC59A-MF



CC59A-RB



CTL1RB

Inline BNC Plug to Right Angle BNC Plug

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
RG59A/U Center Conductor: 22 AWG bare compacted copper Jacket: Black PVC Operating Temperature: -40°C - +80°C	.240in. (6.1mm)	1.0ft (0.3m)	CC59A-1HR	12.38	11.89	11.39	CALL
		2.0ft (0.6m)	CC59A-2HR	12.91	12.40	11.88	CALL
		3.0ft (0.9m)	CC59A-3HR	13.50	12.96	12.42	CALL
		4.0ft (1.2m)	CC59A-4HR	14.03	13.47	12.91	CALL
		5.0ft (1.5m)	CC59A-5HR	14.57	13.99	13.40	CALL
		10.0ft (3.0m)	CC59A-10HR	17.34	16.65	15.96	CALL
RG59B/U Center Conductor: 22 AWG solid bare copper covered steel Jacket: Black PVC Operating Temperature: -40°C - +80°C	.242in. (6.1mm)	1.0ft (0.3m)	CC59B-1HR	13.23	12.70	12.18	CALL
		2.0ft (0.6m)	CC59B-2HR	13.82	13.27	12.72	CALL
		3.0ft (0.9m)	CC59B-3HR	14.41	13.83	13.26	CALL
		4.0ft (1.2m)	CC59B-4HR	15.00	14.40	13.80	CALL
		5.0ft (1.5m)	CC59B-5HR	15.58	14.96	14.34	CALL
		10.0ft (3.0m)	CC59B-10HR	18.52	17.78	17.04	CALL

Right Angle BNC Plug to Right Angle BNC Plug

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
RG59B/U Center Conductor: 22 AWG solid bare copper covered steel Jacket: Black PVC Operating Temperature: -40°C - +80°C	.242in. (6.1mm)	1.0ft (0.3m)	CC59B-1HR2	17.61	16.91	16.20	CALL
		2.0ft (0.6m)	CC59B-2HR2	18.20	17.47	16.74	CALL
		2.5ft (0.8m)	CC59B-2.5HR2	18.52	17.78	17.04	CALL
		3.0ft (0.9m)	CC59B-3HR2	18.78	18.03	17.28	CALL
		7.5ft (2.3m)	CC59B-7.5HR2	21.45	20.59	19.74	CALL
		RG59A/U Center Conductor: 22 AWG bare compacted copper Jacket: Black PVC Operating Temperature: -40°C - +80°C	.240in. (6.1mm)	1.0ft (0.3m)	CC59A-1HR2	16.49	15.83
1.5ft (0.45m)	CC59A-1.5HR2	16.81		16.14	15.46	CALL	
3.0ft (0.9m)	CC59A-2HR2	17.08		16.39	15.71	CALL	
3.0ft (0.9m)	CC59A-3HR2	17.61		16.91	16.20	CALL	
4.0ft (1.2m)	CC59A-4HR2	18.14		17.42	16.69	CALL	
10.0ft (3.0m)	CC59A-10HR2	21.45		20.59	19.74	CALL	

Inline BNC Plug to Inline BNC Jack

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
RG59A/U Center Conductor: 22 AWG bare compacted copper Jacket: Black PVC Operating Temperature: -40°C - +80°C	.240in. (6.1mm)	1.0ft (0.3m)	CC59A-MF-1	15.96	15.00	14.04	CALL
		3.0ft (0.9m)	CC59A-MF-3	17.08	16.05	15.03	CALL
		10.0ft (3.0m)	CC59A-MF-10	20.92	19.66	18.41	CALL
		15.0ft (4.6m)	CC59A-MF-15	23.64	22.22	20.80	CALL
		25.0ft (7.6m)	CC59A-MF-25	29.14	27.39	25.64	CALL
		50.0ft (15.2m)	CC59A-MF-50	42.90	40.33	37.76	CALL
RG59B/U Center Conductor: 22 AWG solid bare copper covered steel Jacket: Black PVC Operating Temperature: -40°C - +80°C	.242in. (6.1mm)	1.0ft (0.3m)	CC59B-MF-1	13.23	12.44	11.65	CALL
		3.0ft (0.9m)	CC59B-MF-3	14.30	13.44	12.59	CALL
		6.0ft (1.8m)	CC59B-MF-6	15.96	15.00	14.04	CALL
		10.0ft (3.0m)	CC59B-MF-10	18.14	17.06	15.97	CALL
		25.0ft (7.6m)	CC59B-MF-25	26.42	24.83	23.25	CALL
		50.0ft (15.2m)	CC59B-MF-50	40.13	37.72	35.31	CALL

Tip

What is the advantage of using a cable assembly with a male to female bulkhead gender combination?

Typical coaxial cable assemblies commonly found in the marketplace have male gender connectors on both ends. In applications where a cable must pass through an obstruction such as a bulkhead panel, a configuration as shown in Figure 1 is typically used.

By utilizing L-com's male to female bulkhead cable assembly you can simplify the configuration, reducing the number of separate parts needed and reduce overall signal loss by eliminating an interface connection and the signal loss of the feedthru bulkhead. Figure 2 shows this set up.

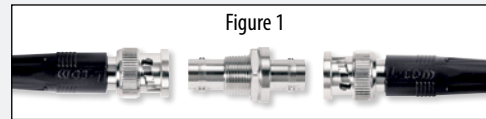


Figure 1

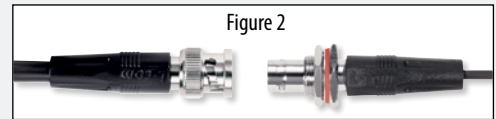


Figure 2

Inline RCA Plug to Inline BNC Plug

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
RG59A/U Center Conductor: 22 AWG bare compacted copper Jacket: Black PVC Operating Temperature: -40°C - +80°C	.240in. (6.1mm)	1.0ft (0.3m)	CC59A-RB-1	5.07	4.87	4.66	CALL
		3.0ft (0.9m)	CC59A-RB-3	6.19	5.94	5.70	CALL
		6.0ft (1.8m)	CC59A-RB-6	7.84	7.53	7.22	CALL
		9.0ft (2.7m)	CC59A-RB-9	9.55	9.17	8.79	CALL
		12.0ft (3.7m)	CC59A-RB-12	11.21	10.76	10.31	CALL
		Thinline Center Conductor: 28 AWG stranded tinned copper wire Jacket: Black PVC Operating Temperature: -40°C - +80°C	.110in. (2.8mm)	1.0ft (0.3m)	CTL1RB-1	6.19	5.94
5.0ft (1.5m)	CTL1RB-5	8.43		8.09	7.76	CALL	
10.0ft (3.0m)	CTL1RB-10	11.21		10.76	10.31	CALL	
15.0ft (4.6m)	CTL1RB-15	14.03		13.47	12.91	CALL	
25.0ft (7.6m)	CTL1RB-25	19.64		18.85	18.07	CALL	

Don't see what you are looking for? Be sure to visit L-com.com for a complete listing of all available cable assemblies, as well as our online Custom Cable Configurator and Product Wizards.

75 Ohm Coaxial Cables

Inline RCA Plug to Inline RCA Plug

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
RG59A/U Center Conductor: 22 AWG bare compacted copper Jacket: Black PVC Operating Temperature: -40°C - +80°C	.240in. (6.1mm)	1.0ft (0.3m)	CC59A-RR-1	5.28	5.07	4.86	CALL
		3.0ft (0.9m)	CC59A-RR-3	6.46	6.20	5.94	CALL
		6.0ft (1.8m)	CC59A-RR-6	8.22	7.89	7.56	CALL
		9.0ft (2.7m)	CC59A-RR-9	9.98	9.58	9.18	CALL
		12.0ft (3.7m)	CC59A-RR-12	11.74	11.27	10.80	CALL
Thinline Center Conductor: 28 AWG stranded tinned copper wire Jacket: Black PVC Operating Temperature: -40°C - +80°C	.110in. (2.8mm)	1.0ft (0.3m)	CTL1R-1	6.08	5.84	5.60	CALL
		5.0ft (1.5m)	CTL1R-5	8.27	7.94	7.61	CALL
		10.0ft (3.0m)	CTL1R-10	10.99	10.55	10.11	CALL
		15.0ft (4.6m)	CTL1R-15	13.77	13.22	12.67	CALL
		25.0ft (7.6m)	CTL1R-25	19.26	18.49	17.72	CALL



CTL1R

Inline Type F Plug to Inline Type F Plug

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
RG6/U Quad Shielded Center Conductor: 18 AWG solid bare copper covered steel Jacket: Black PVC Operating Temperature: -40°C - +80°C	.298in. (7.6mm)	0.5ft (0.2m)	CC60F-05	21.35	20.06	18.78	CALL
		1.0ft (0.3m)	CC60F-1	21.66	20.36	19.06	CALL
		3.0ft (0.9m)	CC60F-3	22.69	21.33	19.97	CALL
		6.0ft (1.8m)	CC60F-6	24.30	22.84	21.38	CALL
		12.0ft (3.7m)	CC60F-12	27.51	25.86	24.21	CALL
		25.0ft (7.6m)	CC60F-25	34.45	32.39	30.32	CALL
RG6/U Center Conductor: 18 AWG solid bare copper covered steel Jacket: Black PVC Operating Temperature: -40°C - +80°C	.270in. (6.9mm)	1.0ft (0.3m)	CCF6-1	6.17	5.55	4.93	CALL
		3.0ft (0.9m)	CCF6-3	7.20	6.48	5.76	CALL
		6.0ft (1.8m)	CCF6-6	8.81	7.93	7.05	CALL
		12.0ft (3.7m)	CCF6-12	12.02	10.82	9.62	CALL
		25.0ft (7.6m)	CCF6-25	18.96	17.07	15.17	CALL
		50.0ft (15.2m)	CCF6-50	32.33	29.10	25.86	CALL
RG59A/U Center Conductor: 22 AWG bare compacted copper Jacket: Black PVC Operating Temperature: -40°C - +80°C	.110in. (2.8mm)	1.0ft (0.3m)	CCF59-1	4.66	4.48	4.29	CALL
		3.0ft (0.9m)	CCF59-3	5.70	5.47	5.24	CALL
		6.0ft (1.8m)	CCF59-6	7.25	6.96	6.67	CALL
		9.0ft (2.7m)	CCF59-9	8.81	8.46	8.10	CALL
		12.0ft (3.7m)	CCF59-12	10.36	9.95	9.53	CALL
RG59B/U Center Conductor: 22 AWG solid bare copper covered steel Jacket: Black PVC Operating Temperature: -40°C - +80°C	.242in. (6.1mm)	1.0ft (0.3m)	CCF59B-1	4.82	4.63	4.43	CALL
		3.0ft (0.9m)	CCF59B-3	5.91	5.67	5.43	CALL
		6.0ft (1.8m)	CCF59B-6	7.51	7.21	6.91	CALL
		9.0ft (2.7m)	CCF59B-9	9.12	8.75	8.39	CALL
		12.0ft (3.7m)	CCF59B-12	10.67	10.25	9.82	CALL
Thinline Center Conductor: 28 AWG stranded tinned copper wire Jacket: Black PVC Operating Temperature: -40°C - +80°C	.110in. (2.8mm)	1.0ft (0.3m)	CTL1F-1	6.08	5.84	5.60	CALL
		5.0ft (1.5m)	CTL1F-5	8.27	7.94	7.61	CALL
		10.0ft (3.0m)	CTL1F-10	10.99	10.55	10.11	CALL
		15.0ft (4.6m)	CTL1F-15	13.77	13.22	12.67	CALL
		25.0ft (7.6m)	CTL1F-25	19.26	18.49	17.72	CALL
RG187/U Center Conductor: 30 AWG stranded silver plated copper covered steel Jacket: TFE Teflon tape wrap Operating Temperature: -70°C - +200°C	.110in. (2.8mm)	1.0ft (0.3m)	CC187F-1	25.60	24.58	23.56	CALL
		1.5ft (0.5m)	CC187F-1.5	26.88	25.81	24.73	CALL
		2.0ft (0.6m)	CC187F-2	28.27	27.14	26.01	CALL
		2.5ft (0.8m)	CC187F-2.5	29.66	28.47	27.29	CALL
		7.5ft (2.3m)	CC187F-7.5	43.11	41.38	39.66	CALL
15.0ft (4.6m)	CC187F-15	63.28	60.75	58.22	CALL		



CC60F



CCF6



CC187F

Inline Type F Plug to Inline BNC Plug

Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
RG59A/U Center Conductor: 22 AWG bare compacted copper Jacket: Black PVC Operating Temperature: -40°C - +80°C	.240in. (6.1mm)	1.0ft (0.3m)	CC59A-BF-1	7.04	6.76	6.48	CALL
		3.0ft (0.9m)	CC59A-BF-3	8.22	7.89	7.56	CALL
		6.0ft (1.8m)	CC59A-BF-6	9.98	9.58	9.18	CALL
		9.0ft (2.7m)	CC59A-BF-9	11.74	11.27	10.80	CALL
		12.0ft (3.7m)	CC59A-BF-12	13.50	12.96	12.42	CALL
Thinline Center Conductor: 28 AWG stranded tinned copper wire Jacket: Black PVC Operating Temperature: -40°C - +80°C	.110in. (2.8mm)	1.0ft (0.3m)	CTL1FB-1	7.31	7.02	6.73	CALL
		5.0ft (1.5m)	CTL1FB-5	9.55	9.17	8.79	CALL
		10.0ft (3.0m)	CTL1FB-10	12.33	11.83	11.34	CALL
		15.0ft (4.6m)	CTL1FB-15	15.16	14.55	13.94	CALL
		25.0ft (7.6m)	CTL1FB-25	20.76	19.93	19.10	CALL



CC59A-BF



CTL1FB

Tip Why is a molded strain relief superior to a heat shrink strain relief?

As shown in Figure 1, a heat shrink strain relief does offer some strain relief at the egress point where the cable exits the strain relief, reducing stress at this critical junction.

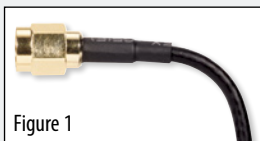


Figure 1

As seen in Figure 2, however, a molded strain relief provides far superior stress reduction through a more robust design. The improved adhesion between the strain relief and the cable/connector interface is achieved during the molding process. In addition, the molded strain relief design provides a more finished appearance than the heat shrink version.



Figure 2



CA-TRBP-P



CA-TRBP-PR



CA-TRBPR-PR

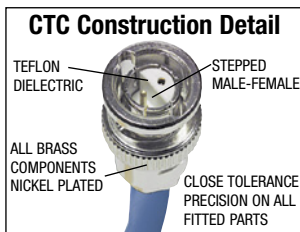


ATRBP-1553B

ATRBP-1553B



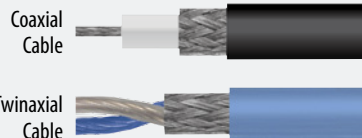
CTC Series



See all listings or use our Cable Configurator and Wizards at L-com.com.

Tip What are twinaxial cables?

Twinaxial cabling, or "Twinax", is a type of cable similar to coaxial cable, but with two inner conductors instead of one. The connectors used on this type of cable also feature two separate conductors. To ensure correct orientation, these connectors are often keyed to prevent incorrect connections.



MIL-STD-1553B 78 Ohm Twinax Cable Assemblies

L-com's MIL-STD-1553B cable assemblies feature high-temperature M17/176-00002 twinax cable and TRB connectors designed for these types of bus applications. Standard lengths from 1' to 50' (0.3m to 15.2m). Custom lengths also available.

Inline TRB Plug to Inline TRB Plug							
Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
M17/176-00002 Center Conductor: .024" (0.1cm) Dia. Min. Bend Radius: 1.50" (3.8cm) Jacket: Blue Teflon Operating Temperature: -55°C - +200°C	.129 in. (0.3cm)	1.0ft (0.3m)	CA-TRBP-P001	108.80	102.27	95.74	CALL
		2.0ft (0.6m)	CA-TRBP-P002	112.94	106.16	99.38	CALL
		3.0ft (0.9m)	CA-TRBP-P003	117.07	110.05	103.02	CALL
		4.0ft (1.2m)	CA-TRBP-P004	121.20	113.93	106.66	CALL
		5.0ft (1.5m)	CA-TRBP-P005	125.34	117.82	110.30	CALL
		6.0ft (1.8m)	CA-TRBP-P006	129.47	121.70	113.94	CALL
		7.0ft (2.1m)	CA-TRBP-P007	133.61	125.59	117.57	CALL
		10.0ft (3.0m)	CA-TRBP-P010	146.01	137.25	128.49	CALL
		12.0ft (3.7m)	CA-TRBP-P012	154.28	145.02	135.77	CALL
		15.0ft (4.6m)	CA-TRBP-P015	166.68	156.68	146.68	CALL
		20.0ft (6.1m)	CA-TRBP-P020	187.36	176.11	164.87	CALL
		25.0ft (7.6m)	CA-TRBP-P025	208.03	195.55	183.06	CALL
		50.0ft (15.2m)	CA-TRBP-P050	311.39	292.71	274.02	CALL

Inline TRB Plug to Right Angle TRB Plug							
Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
M17/176-00002 Center Conductor: .024" (0.1cm) Dia. Min. Bend Radius: 1.50" (3.8cm) Jacket: Blue Teflon Operating Temperature: -55°C - +200°C	.129 in. (0.3cm)	1.0ft (0.3m)	CA-TRBP-PR001	305.68	287.34	269.00	CALL
		2.0ft (0.6m)	CA-TRBP-PR002	309.81	291.22	272.64	CALL
		3.0ft (0.9m)	CA-TRBP-PR003	313.95	295.11	276.27	CALL
		4.0ft (1.2m)	CA-TRBP-PR004	318.08	299.00	279.91	CALL
		5.0ft (1.5m)	CA-TRBP-PR005	322.22	302.88	283.55	CALL
		6.0ft (1.8m)	CA-TRBP-PR006	326.35	306.77	287.19	CALL
		7.0ft (2.1m)	CA-TRBP-PR007	330.49	310.66	290.83	CALL
		10.0ft (3.0m)	CA-TRBP-PR010	342.89	322.32	301.74	CALL
		12.0ft (3.7m)	CA-TRBP-PR012	351.16	330.09	309.02	CALL
		15.0ft (4.6m)	CA-TRBP-PR015	363.56	341.75	319.93	CALL
		20.0ft (6.1m)	CA-TRBP-PR020	384.23	361.18	338.13	CALL
		25.0ft (7.6m)	CA-TRBP-PR025	404.91	380.61	356.32	CALL
		50.0ft (15.2m)	CA-TRBP-PR050	508.27	477.77	447.27	CALL

Right Angle TRB Plug to Right Angle TRB Plug							
Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
M17/176-00002 Center Conductor: .024" (0.1cm) Dia. Min. Bend Radius: 1.50" (3.8cm) Jacket: Blue Teflon Operating Temperature: -55°C - +200°C	.129 in. (0.3cm)	1.0ft (0.3m)	CA-TRBPR-PR001	455.93	428.57	401.22	CALL
		2.0ft (0.6m)	CA-TRBPR-PR002	460.06	432.46	404.85	CALL
		3.0ft (0.9m)	CA-TRBPR-PR003	464.20	436.35	408.49	CALL
		4.0ft (1.2m)	CA-TRBPR-PR004	468.33	440.23	412.13	CALL
		5.0ft (1.5m)	CA-TRBPR-PR005	472.47	444.12	415.77	CALL
		6.0ft (1.8m)	CA-TRBPR-PR006	476.60	448.00	419.41	CALL
		7.0ft (2.1m)	CA-TRBPR-PR007	480.73	451.89	423.05	CALL
		10.0ft (3.0m)	CA-TRBPR-PR010	493.14	463.55	433.96	CALL
		12.0ft (3.7m)	CA-TRBPR-PR012	501.41	471.32	441.24	CALL
		15.0ft (4.6m)	CA-TRBPR-PR015	513.81	482.98	452.15	CALL
		20.0ft (6.1m)	CA-TRBPR-PR020	534.48	502.41	470.34	CALL
		25.0ft (7.6m)	CA-TRBPR-PR025	555.15	521.85	488.54	CALL
		50.0ft (15.2m)	CA-TRBPR-PR050	658.52	619.00	579.49	CALL

Item #	Description	Cable	Attachment	1-9	10-24	25-99	100+
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Concentric Twinax TRB Type Connectors

TRB type connectors from Trompeter feature a center contact and an intermediate cylindrical contact. The three bayonet design can withstand severe shocks and vibrations. Typically used for MIL-STD-1533B bus applications, these full crimp connectors are available in Straight and Right Angle Plug versions.

ATRBP-1553B	TRB Plug, Trompeter # PL75C-201	M17/176-00002	Crimp	29.10	26.78	24.45	CALL
ATRBP-1553B	TRB Plug, Trompeter # PLR75C-201	M17/176-00002	Crimp	155.37	142.94	130.51	CALL

78 Ohm Twinaxial BNC Cables - Feature Polarized/Stepped Keyway and Crimp Design

This Twin BNC cable series accommodates the need for low level signal patching and balanced line applications. Fittings have polarized, stepped keyways that look like, but do not match traditional BNC coaxial connectors. Twin BNC connectors are constructed of machined brass with a non-tarnish nickel finish and gold plated contacts.

Twin BNC Male to Twin BNC Male							
Type	Cable Dia.	Length	Item #	1-9	10-24	25-99	100+
Twinaxial Center Conductor: 20 AWG tinned copper Min. Bend Radius: 2.50" (63.5mm) Jacket: Blue PVC Operating Temperature: -20°C - +80°C	.243in. (0.6cm)	1.0ft (0.3m)	CTC-1	51.08	49.04	47.00	CALL
		2.0ft (0.6m)	CTC-2	52.22	50.14	48.05	CALL
		3.0ft (0.9m)	CTC-3	54.56	52.37	50.19	CALL
		5.0ft (1.5m)	CTC-5	59.22	56.85	54.48	CALL
		7.5ft (2.3m)	CTC-7.5	63.83	61.28	58.72	CALL
		10.0ft (3.0m)	CTC-10	68.49	65.75	63.01	CALL

How do you select the right coaxial cable interface for your application?

There are numerous coaxial interfaces in use today. These interfaces cover a broad range of applications including both 50 Ohm data signal transmission and 75 Ohm audio/video signal transmission. The following chart is a general guide to help you select the best interface for your specific application.

Interface Type	Impedance	Application	Coupling Mechanism	Typical Cable Types	Typical Frequency Range
BNC 	Available in both 50 and 75 Ohm	50 Ohm version is utilized in data signal transmission for such applications as WAN/LAN, Ethernet or Test & Measurement. 75 Ohm version is utilized in audio/video signal transmission for such applications as security and CATV	Two stud bayonet twist and lock	Wide variety of RG style coaxial cables including 50 Ohm RG174, RG58, RG142 etc. And 75 Ohm RG179, RG59, RG6	0-4 GHz
TNC (Threaded version of a BNC) 	50 Ohm	Data signal transmission for such applications as GPS, wireless base stations antennas and instrumentation	Threaded coupling	Wide variety of RG style coaxial cables including RG174, RG58, RG142, etc	0-11 GHz
SMA 	50 Ohm	Data signal transmission for such applications as GPS and instrumentation	Threaded coupling	Generally used on small diameter cable such as RG174, RG188 and RG316	0-18 GHz
Type N 	50 Ohm	Data signal transmission for such applications as GPS antennas and instrumentation	Threaded coupling	Generally used on larger diameter cable such as RG58, RG213 and RG223	0-11 GHz
Type F 	75 Ohm	Video signal transmission in applications such as CATV and entertainment video	Threaded coupling	Primarily RG59 and RG6	0-1 GHz
MCX 	50 Ohm	Data signal transmission for such applications as GPS antennas and instrumentation	Snap on coupling	Generally used on small diameter cable such as RG174, RG188 and RG316	0-6 GHz
MMCX 	50 Ohm	Data signal transmission for such applications as GPS antennas and PCMCIA cards	Snap on coupling	Generally used on small diameter cable such as RG174, RG188 and RG316	0-6 GHz
SMB 	Available in both 50 and 75 Ohm	Data signal transmission for such applications as digital cellular, GPS and wireless LAN	Snap on coupling	Generally used on small diameter cable such as 50 Ohm RG174, RG188 and RG316 and 75 Ohm RG179 and RG187	0-4 GHz
SMC 	Available in both 50 and 75 Ohm	Signal transmission for such applications as automotive GPS and telecom with high vibration requirements	Threaded coupling	Generally used on small diameter cable such as 50 Ohm RG174, RG188 and RG316 and 75 Ohm RG179 and RG187	0-10 GHz
Reverse Polarity TNC and SMA 	50 Ohm	Signal transmission in wireless spread spectrum devices that must comply with FCC non standard interface rule	Threaded coupling and RG58	Primarily used with RG174	TNC 0-11 GHz SMA 0-18 GHz

Note: Images on this page are for reference only and may not be to scale

Coaxial Interseries Adapter Selection Matrix

Use this handy chart to locate the desired interseries adapter. Simply locate the connector type and gender in the top row and repeat in the left hand column. Intersect the row and column to determine availability. Adapters shown in this matrix are listed on this and the opposite page. If a specific adapter type is not listed, please visit our website at L-com.com for the latest information or call our technical support group at 800-343-1455 for assistance. Adapters listed are generally intended for use in the RF band.

Reversed Polarity Types

INTERFACE SERIES	RP-BNC	RP-TNC PLUG	RP-TNC JACK	RP-SMA PLUG	RP-SMA JACK
N FEMALE	AXA-NFRBP	AXA-NFRTP, AXA-NFRTP2		AXA-NFRSP	AXA-NFRSJ AXA-RS/NFRB
N MALE		AXA-NMRTF	AXA-NMRTJ	AXA-NMRSP	AXA-NMRSJ
RP-TNC				AXA-RTJRSF	AXA-RTPRSJ

INTERFACE SERIES	BNC FEMALE	BNC MALE	F FEMALE	F MALE	TNC MALE	TNC FEMALE	MINI UHF F	MINI UHF M	N MALE	N FEMALE	SMA F	SMA M	SMB J	SMB P	UHF F	UHF M	MCX P	MMCX F	NMO
BNC FEMALE			BA220	BA120, BA037	BA3001	BA70		BA883	AXA-NMBF	AXA-NFBF	BA588	BA29			BA230	BA50			
BNC MALE			BA125, BA017			BA71, BA3002	BA882		BN107	AXA-NFBM	BA38	BA28			BA60	BA270			
F FEMALE	BA220	BA125, BA017				BA127			AXA-NMFF						BA301	BA160			
F MALE	BA120, BA037				BA121										BA130				
FME MALE	BA8016	BA8005,																	
MINI UHF FEMALE		BA882			BA881							BA582							
MINI UHF MALE	BA883					BA886				AXA-NFMUM	BA591								
MCX											AXA-MPSF								
N FEMALE	AXA-NFBF	AXA-NFBM			AXA-NFTM			AXA-NFMUM				BA25							AXA-AMNFB
N MALE	AXA-BFNM90 AXA-NMBF	BN107	AXA-NMFF			AXA-NMTF					AXA-NMSF	AXA-NMSM							
RCA FEMALE	BA94	BA95, BA018	BA887													BA40			
RCA MALE	BA90		BA907																
SMA FEMALE	BA588	BA38			BA589	BA590		BA591	AXA-NMSF	AXA-NFSF			AXA-SMBJSF	AXA-SMBPFSF					
SMA MALE	BA29	BA28			BA579	BA580	BA582		AXA-NMSM	BA25					BA27	BA36	AXA-MPSF	BA3000	
SMB JACK											AXA-SMBJSF								
SMB PLUG											AXA-SMBPFSF								
TNC FEMALE	BA70	BA71, BA3002	BA127					BA886	AXA-NMTF			BA580							
TNC MALE	BA3001			BA121			BA881			AXA-NFTM	BA589	BA579							
UHF FEMALE	BA230	BA60	BA301	BA130								BA27							
UHF MALE	BA50	BA270	BA160								BA36	BA26							
7/16 DIN MALE										AXA-NFDM									
7/16 DIN FEMALE									AXA-NMDF										
1.6 / 5.6 MALE	BA9201																		

Item #	Description	1-9	10-24	25-99	100+
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BNC Interseries Coaxial Adapters - 50 Ohm

BA28	Coaxial Adapter, BNC Male/SMA Male	7.13	6.70	6.27	CALL
BA38	Coaxial Adapter, BNC Male/SMA Female	7.13	6.70	6.27	CALL
BA60	Coaxial Adapter, BNC Male/UHF Female	4.90	4.60	4.31	CALL
BA71	Coaxial Adapter, BNC Male/TNC Female	5.55	5.22	4.88	CALL
BA3002	Coaxial Adapter, BNC Male/TNC Female, Right Angle	8.11	7.62	7.13	CALL
BA29	Coaxial Adapter, BNC Female/SMA Male	7.13	6.70	6.27	CALL
BA50	Coaxial Adapter, BNC Female/UHF Male	4.90	4.60	4.31	CALL
BA70	Coaxial Adapter, BNC Female/TNC Female	5.55	5.22	4.88	CALL
BA3001	Coaxial Adapter, BNC Female/TNC Male	5.00	4.70	4.40	CALL
AXA-BFNM90	Coaxial Adapter, BNC Female/Type N Male, Right Angle	7.13	6.56	5.99	CALL

BNC Interseries Coaxial Adapters - 75 Ohm

BA017	Coaxial Adapter, BNC Male/Type F Female	4.51	4.24	3.97	CALL
BA018	Coaxial Adapter, BNC Male/RCA Female	3.37	3.17	2.96	CALL
BA037	Coaxial Adapter, BNC Female/Type F Male	4.51	4.24	3.97	CALL

SMA Interseries Coaxial Adapters - 50 Ohm

AXA-NMSM	Coaxial Adapter, SMA Male/Type N Male	5.00	4.60	4.20	CALL
BA25	Coaxial Adapter, SMA Male/Type N Female	7.13	6.70	6.27	CALL
BA26	Coaxial Adapter, SMA Male/UHF Male	7.13	6.70	6.27	CALL
BA27	Coaxial Adapter, SMA Male/UHF Female	7.13	6.70	6.27	CALL
BA579	Coaxial Adapter, SMA Male/TNC Male	7.13	6.70	6.27	CALL
BA580	Coaxial Adapter, SMA Male/TNC Female	7.13	6.70	6.27	CALL
BA582	Coaxial Adapter, SMA Male/Mini UHF Female	7.13	6.70	6.27	CALL
AXA-NMSF	Coaxial Adapter, SMA Female/Type N Male	5.00	4.60	4.20	CALL
AXA-NFSF	Coaxial Adapter, SMA Female/Type N Female	6.64	6.11	5.57	CALL
BA36	Coaxial Adapter, SMA Female/UHF Male	7.13	6.70	6.27	CALL
BA588	Coaxial Adapter, SMA Female/BNC Female	7.13	6.70	6.27	CALL
BA589	Coaxial Adapter, SMA Female/TNC Male	7.13	6.70	6.27	CALL
BA590	Coaxial Adapter, SMA Female/TNC Female	7.13	6.70	6.27	CALL
BA591	Coaxial Adapter, SMA Female/Mini UHF Male	7.13	6.70	6.27	CALL
AXA-MPSF	Coaxial Adapter, SMA Female/MCX Plug	7.13	6.56	5.99	CALL
BA3000	Coaxial Adapter, SMA Female/MMCX Female	7.40	6.95	6.51	CALL

SMB Interseries Coaxial Adapters - 50 Ohm

AXA-SMBJSF	Coaxial Adapter, SMB Jack/SMA Female	5.88	5.41	4.94	CALL
AXA-SMBPFSF	Coaxial Adapter, SMB Plug/SMA Female	7.13	6.56	5.99	CALL



Item #	Description	1-9	10-24	25-99	100+
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FME to BNC Interseries Coaxial Adapters - 50 and 75 Ohm - Useful in Cellular Applications

Many cellular communication devices utilize the FME connector on coaxial antenna lines. L-com offers a selection of highest quality components utilizing machined brass with nickel plated surfaces and gold plated pins.

BA8016	Coaxial Adapter, FME Male/BNC Female, 50 Ohm	6.15	5.78	5.41	CALL
BA8005	Coaxial Adapter, FME Male/BNC Male, 75 Ohm	4.51	4.24	3.97	CALL

1.6/5.6 to BNC Interseries Coaxial Adapters - 50 Ohm - For Conversion to the European Standard

These machined adapters are great for converting standard BNC terminations which are common in other areas of the world.

BA9201	Coaxial Adapter, BNC Female/1.6/5.6 Male Adapter	9.79	9.20	8.62	CALL
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Type F Interseries Coaxial Adapters - 50 Ohm

BA120	Coaxial Adapter, Type F Male/BNC Female	2.50	2.35	2.20	CALL
BA121	Coaxial Adapter, Type F Male/TNC Male	2.50	2.35	2.20	CALL
BA125	Coaxial Adapter, Type F Female/BNC Male	2.50	2.35	2.20	CALL
BA127	Coaxial Adapter, Type F Female/TNC Female	2.50	2.35	2.20	CALL
BA220	Coaxial Adapter, Type F Female/BNC Female	2.50	2.35	2.20	CALL

RCA Interseries Coaxial Adapters - 50 and 75 Ohm

BA90	Coaxial Adapter, RCA Male/BNC Female, 50 Ohm	3.75	3.53	3.30	CALL
BA94	Coaxial Adapter, RCA Female/BNC Female, 50 Ohm	3.75	3.53	3.30	CALL
BA95	Coaxial Adapter, RCA Female/BNC Male, 50 Ohm	3.75	3.53	3.30	CALL
BA887	Coaxial Adapter, RCA Female/Type F Female, 50 Ohm	2.50	2.35	2.20	CALL
BA907	Coaxial Adapter, RCA Male/Type F Female, 75 Ohm	2.23	2.09	1.96	CALL

Type N Interseries Coaxial Adapters - 50 Ohm

BN107	Coaxial Adapter, Type N Male/BNC Male	7.13	6.70	6.27	CALL
AXA-NMBF	Coaxial Adapter, Type N Male/BNC Female	4.35	4.00	3.66	CALL
AXA-NMSM	Coaxial Adapter, Type N Male/SMA Male	5.00	4.60	4.20	CALL
AXA-NMTF	Coaxial Adapter, Type N Male/TNC Female	5.00	4.60	4.20	CALL
AXA-NMFF	Coaxial Adapter, Type N Male/Type F Female	4.35	4.00	3.66	CALL
AXA-NMRSJ	Coaxial Adapter, Type N Male/ RP-SMA Jack	6.20	5.71	5.21	CALL
AXA-NMRSP	Coaxial Adapter, Type N Male/ RP-SMA Plug	6.20	5.71	5.21	CALL
AXA-NMRTJ	Coaxial Adapter, Type N Male/ RP-TNC Jack	6.20	5.71	5.21	CALL
AXA-NM RTP	Coaxial Adapter, Type N Male/ RP-TNC Plug	6.20	5.71	5.21	CALL
AXA-NFBF	Coaxial Adapter, Type N Female/BNC Female	3.75	3.45	3.15	CALL
AXA-NFBM	Coaxial Adapter, Type N Female/BNC Male	4.35	4.00	3.66	CALL
AXA-AMNFB	Coaxial Adapter, Type N Female Bulkhead/ NMO	15.94	14.66	13.39	CALL
AXA-NFMUM	Coaxial Adapter, Type N Female/Mini-UHF Male	4.35	4.00	3.66	CALL
AXA-NFTM	Coaxial Adapter, Type N Female/TNC Male	4.35	4.00	3.66	CALL
AXA-NFRBP	Coaxial Adapter, Type N Female/ RP BNC Plug	4.35	4.00	3.66	CALL
AXA-NFRSJ	Coaxial Adapter, Type N Female/ RP-SMA Jack	6.20	5.71	5.21	CALL
AXA-RSJNFB	Coaxial Adapter, Type N Female Bulkhead/ RP-SMA Jack	7.13	6.56	5.99	CALL
AXA-NFRSP	Coaxial Adapter, Type N Female/ RP-SMA Plug	5.00	4.60	4.20	CALL
AXA-NFRTP	Coaxial Adapter, Type N Female/ RP-TNC Plug	6.20	5.71	5.21	CALL
AXA-NFRTP2	Coaxial Adapter, Type N Female/ RP-TNC Plug 1 Piece Design	6.20	5.71	5.21	CALL

Mini-UHF Interseries Coaxial Adapters - 50 Ohm

BA881	Coaxial Adapter, Mini-UHF Female/TNC Male	7.13	6.70	6.27	CALL
BA882	Coaxial Adapter, Mini-UHF Female/BNC Male	7.13	6.70	6.27	CALL
BA883	Coaxial Adapter, Mini-UHF Male/BNC Female	7.13	6.70	6.27	CALL
BA886	Coaxial Adapter, Mini-UHF Male/TNC Female	7.13	6.70	6.27	CALL

UHF Interseries Coaxial Adapters - 50 Ohm

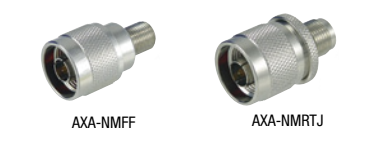
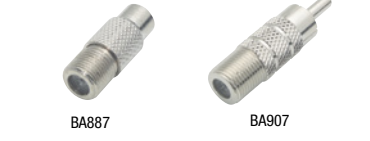
BA40	Coaxial Adapter, UHF Male/RCA Female	3.75	3.53	3.30	CALL
BA130	Coaxial Adapter, UHF Female/Type F Male	3.75	3.53	3.30	CALL
BA140	Coaxial Adapter, UHF Female/RCA Male	3.75	3.53	3.30	CALL
BA160	Coaxial Adapter, UHF Male/Type F Female	3.75	3.53	3.30	CALL
BA230	Coaxial Adapter, UHF Female/BNC Female	4.90	4.60	4.31	CALL
BA270	Coaxial Adapter, UHF Male/BNC Male	3.75	3.53	3.30	CALL
BA301	Coaxial Adapter, UHF Female/Type F Female	3.75	3.53	3.30	CALL

TNC Interseries Coaxial Adapters - 50 Ohm

AXA-RTJRSJ	Coaxial Adapter, RP-TNC Jack/ RP-SMA Plug	5.00	4.60	4.20	CALL
AXA-RTPRSJ	Coaxial Adapter, RP-TNC Plug/ RP-SMA Jack	5.00	4.60	4.20	CALL

7/16 DIN Interseries Coaxial Adapters - 50 Ohm

AXA-NFDM	Coaxial Adapter, 7/16 DIN Male/Type N Female	67.46	62.06	56.66	CALL
AXA-NMDF	Coaxial Adapter, 7/16 DIN Female/Type N Male	75.07	69.07	63.06	CALL



Coaxial Within Series Adapter Selection Matrix

Use this handy chart to locate the desired within series or T type adapter. Simply locate the connector type and configuration in the top row. Then find the connector type and gender in the left hand column. Intersect the row and column to determine availability. If a specific

adapter type is not listed, please visit our website at **L-com.com** for the latest information or call our technical support group at **800-343-1455** for assistance. Adapters listed are generally intended for use in the RF band.

INTERFACE SERIES	SAME GENDER IN SERIES				GENDER CHANGE IN SERIES			
	STRAIGHT	BULKHEAD	3 PORT TEE (F, F, F)	RIGHT ANGLE	STRAIGHT	RIGHT ANGLE	3 PORT TEE (F, M, F)	3 PORT F or Y
BNC FEMALE	BA80, BA80E, BIF-CB	BA1087, BA1089, BA1087E	BA832, BA832E			BA240	BA250, BA250E, BIF-TB1, BIF-TB2	BA840 (F), BA845 (Y)
BNC FEMALE (75 Ohms)	BA016	BA036, BA039	BA019			BA038	BA035	
BNC MALE	BA100							
F FEMALE		BA330A	BA132		BA124	BA126, BA123		
F MALE	BA122							
FME PLUG	AXA-FMEPFMEP							
FME JACK	AXA-FMEJFMEJ							
MINI UHF FEMALE	BA476					BA470		
MINI UHF MALE	BA478							
N FEMALE	AXA-NFNF	AXA-NFNFB, AXA-NFNFB2	BN133			BN121	BN126	
N MALE	AXA-NMNM			AXA-NMNM90				
RCA FEMALE		BA400(R, B, Y), BA400A						
SMA FEMALE	BA23	BA21	BA18			BA20	BA19	
SMA MALE	BA22, AXA-SMSM							
RP-SMA PLUG	AXA-RSPRSP							
RP-SMA JACK		AXA-RSJRSJB						
TNC FEMALE		BA2301, BA1090			BA4000			
RP-TNC PLUG	AXA-RTPRTP							
RP-TNC JACK	AXA-RTJRTJ							
UHF FEMALE	BA170	BA406Z	BA303			BA404Z		
UHF MALE	BA280							
7/16 DIN FEMALE	AXA-DFDF							
7/16 DIN MALE	AXA-DMDM							



Item #	Description	1-9	10-24	25-99	100+
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BNC Within Series Adapters - 50 Ohm

BA80	Coaxial Adapter, BNC Female/Female	2.50	2.35	2.20	CALL
BA100	Coaxial Adapter, BNC Male/Male	3.75	3.53	3.30	CALL
BA240	Coaxial Adapter, BNC Female/90° Male	4.90	4.60	4.31	CALL
BA250	Coaxial T Adapter, BNC Female/Male/Female	4.90	4.60	4.31	CALL
BA832	Coaxial T Adapter, BNC Female/Female/Female	5.06	4.76	4.45	CALL
BA840	Coaxial Adapter, BNC Male/Female/Female	9.79	9.20	8.62	CALL
BA845	Coaxial Adapter, BNC Female/Male/Female	9.79	9.20	8.62	CALL
BA1087	Coaxial Adapter, BNC Bulkhead, Female/Female, Grounded	4.90	4.60	4.31	CALL
BA1089	Coaxial Adapter, BNC Bulkhead, Female/Female, Insulated Ground	6.15	5.78	5.41	CALL

True 75 Ohm BNC Within Series Adapters - To Precisely Match All 75 Ohm Coaxial Cables

BA016	Coaxial Adapter, BNC Female/Female (Splice)	3.32	3.12	2.92	CALL
BA019	Coaxial T Adapter, BNC Female/Female/Female	5.54	5.21	4.88	CALL
BA035	Coaxial T Adapter, BNC Female/90° Male	5.54	5.21	4.88	CALL
BA036	Coaxial Adapter, BNC Female/Female Bulkhead	5.54	5.21	4.88	CALL
BA038	Coaxial Adapter, BNC Male/90° Female	5.54	5.21	4.88	CALL
BA039	Coaxial Adapter, BNC Female/Female Bulkhead, Insulated	6.32	5.94	5.56	CALL

Economy BNC Adapters - 50 Ohm - Cast Metal Components Save on Production Costs

BA80E	Economy Coaxial Adapter, BNC Female/Female	1.63	1.53	1.44	CALL
BA250E	Economy Coaxial T Adapter, BNC Female/Male/Female	2.50	2.35	2.20	CALL
BA832E	Economy Coaxial T Adapter, BNC Female/Male/Female	3.75	3.53	3.30	CALL
BA1087E	Economy Coaxial Adapter, BNC Bulkhead Adapter, Grounded	3.75	3.53	3.30	CALL

FME Within Series Adapters - 50 Ohm

AXA-FMEJFMEJ	Coaxial Adapter, FME Jack/FME Jack	3.75	3.45	3.15	CALL
AXA-FMEPFMEP	Coaxial Adapter, FME Plug/FME Plug	3.75	3.45	3.15	CALL

SMA Within Series Adapters - 50 Ohm

L-com offers the interseries coaxial adapters to help you match any SMA terminated cable to any other. Adapters are machined nickel plated brass, contacts are gold plated.

BA18	Coaxial Adapter, SMA Female/Female/Female	7.13	6.70	6.27	CALL
BA19	Coaxial Adapter, SMA Female/Male/Female	7.13	6.70	6.27	CALL
BA20	Coaxial Adapter, SMA Female/Male, 90°	7.13	6.70	6.27	CALL
BA21	Coaxial Adapter, SMA Female/Female (Bulkhead)	7.13	6.70	6.27	CALL
BA22	Coaxial Adapter, SMA Male/Male	7.13	6.70	6.27	CALL
BA23	Coaxial Adapter, SMA Female/Female	7.13	6.70	6.27	CALL
AXA-SMSM	Coaxial Adapter, SMA Male/SMA Male Barrel Adapter	4.35	4.00	3.66	CALL
AXA-RSJRSJB	Coaxial Adapter, RP-SMA Jack/RP-SMA Jack Bulkhead Adapter	5.00	4.60	4.20	CALL
AXA-RSPRSP	Coaxial Adapter, RP-SMA Plug/RP-SMA Plug	5.00	4.60	4.20	CALL

Type F Within Series Adapters - 75 Ohm

BA122	Coaxial Adapter, Type F Male/Male	2.23	2.09	1.96	CALL
BA123	Coaxial Adapter, Type F Female/Male, Right Angle	2.23	2.09	1.96	CALL
BA124	Coaxial Adapter, Type F Male Push-on/Female	1.40	1.31	1.23	CALL
BA126	Coaxial Adapter, Type F Female/Male Push On, 90°	2.23	2.09	1.96	CALL
BA132	Coaxial T Adapter, Type F Female/Female/Female	3.32	3.12	2.92	CALL
BA330A	Coaxial Bulkhead Adapter, Type F Female/Female, (.5/1.3cm D-Hole), Insulated	2.23	2.09	1.96	CALL

Some Connectors are sold in 10-Packs. See website for details. Adapters are sold individually.

Item #	Description	Color	1-9	10-24	25-99	100+
RCA Female Feed-Thru Adapter - 75 Ohm - with Blue, Red, Yellow or White Insulators						
These RCA feed-thru adapters feature color coded insulators for video and audio applications. This color coding helps avoid improper connections.						
BA400B	Coaxial Adapter, RCA Bulkhead Female/Female, Blue Insulator		4.09	3.85	3.60	CALL
BA400R	Coaxial Adapter, RCA Bulkhead Female/Female, Red Insulator		4.09	3.85	3.60	CALL
BA400Y	Coaxial Adapter, RCA Bulkhead Female/Female, Yellow Insulator		4.09	3.85	3.60	CALL
BA400	Coaxial Adapter, RCA Bulkhead Female/Female, White Insulator		4.09	3.85	3.60	CALL
BA400A	Coaxial Adapter, RCA Bulkhead Female/Female, 0.5" (1.3cm) Circular Hole		4.09	3.85	3.60	CALL

Type N Within Series Adapters - 50 Ohm

AXA-NMNM	Coaxial Adapter, Type N Male/Male Barrel Adapter		5.00	4.60	4.20	CALL
AXA-NFNF	Coaxial Adapter, Type N Female/Female Bullet Adapter		5.00	4.60	4.20	CALL
AXA-NMNM90	Coaxial Adapter, Type N Male/Male Right Angle Adapter		7.40	6.81	6.21	CALL
AXA-NMNF90	Coaxial Adapter, Type N Male/Female Right Angle Adapter		7.40	6.81	6.21	CALL
AXA-NFNFB2	Coaxial Adapter, Type N Female/Female 1/4" (0.6cm) (Bulkhead)		4.35	4.00	3.66	CALL
AXA-NFNFB	Coaxial Adapter, Type N Female/Female 1/8" (0.3cm) (Bulkhead)		4.35	4.00	3.66	CALL
BN121	Coaxial Adapter, Type N Male/Female Right Angle Adapter		7.13	6.70	6.27	CALL
BN126	Coaxial T Adapter, Type N Female/Female/Male		7.13	6.70	6.27	CALL
BN133	Coaxial T Adapter, Type N Female/Female/Female		7.13	6.70	6.27	CALL

Mini-UHF Within Series Adapters - 50 Ohm

BA470	Coaxial Adapter, Mini-UHF Female/90° Male		11.10	10.43	9.77	CALL
BA476	Coaxial Adapter, Mini-UHF Female/Female		4.90	4.60	4.31	CALL
BA478	Coaxial Adapter, Mini-UHF Male/Male		4.90	4.60	4.31	CALL

UHF Within Series Adapters - 50 Ohm

BA170	Coaxial Adapter, UHF Female/Female		3.75	3.53	3.30	CALL
BA280	Coaxial Adapter, UHF Male/Male		4.90	4.60	4.31	CALL
BA303	Coaxial T Adapter, UHF Female/Female/Female		7.40	6.95	6.51	CALL
BA404Z	Coaxial Adapter, UHF Male/90° Female		7.40	6.95	6.51	CALL
BA406Z	Coaxial Adapter, UHF Feed-Thru Female/Female		7.40	6.95	6.51	CALL



BA170



BA280



BA303



BA404Z



BA406Z

TNC Within Series Adapters - 50 Ohm

BA2301	Coaxial Adapter, TNC Bulkhead, Female/Female, Grounded		6.15	5.78	5.41	CALL
BA1090	Coaxial Adapter, TNC Bulkhead, Female/Female, Insulated Ground		7.40	6.95	6.51	CALL
BA4000	Coaxial Adapter, TNC Male/Female		4.68	4.40	4.12	CALL
AXA-RTJRTJ	Coaxial Adapter, RP-TNC Jack to RP-TNC Jack Bullet Adapter		5.00	4.60	4.20	CALL
AXA-RTPRTP	Coaxial Adapter, RP-TNC Plug to RP-TNC Plug Barrel Adapter		4.35	4.00	3.66	CALL
AXA-RTPRTJ90	Coaxial Adapter, RP-TNC Plug to RP-TNC Jack, Right Angle		7.13	6.56	5.99	CALL



BA1090



BA470



BA476



BA478



BA2301



BA1090



BA4000



AXA-RTJRTJ



AXA-RTPRTP



AXA-RTPRTJ90

7/16 DIN Within Series Adapters - 50 Ohm

AXA-DMDM	Coaxial Adapter, 7/16 DIN Male/Male		51.14	47.05	42.95	CALL
AXA-DDFD	Coaxial Adapter, 7/16 DIN Female/Female		50.05	46.04	42.04	CALL

Insulated Coaxial Connections - 50 Ohm - Needed to Prevent Ground Loops and Noise

Data signals are particularly susceptible to both ground loop and common mode interference. Reducing the number of ground points of a coaxial wiring system reduces the number of potential ground loops and multiple noise currents.

BIF-CB	Coaxial Coupler, BNC Female/Female		3.75	3.45	3.15	CALL
BIF-TB2	Coaxial T Adapter, BNC Female/Male/Female		7.34	6.90	6.46	CALL



AXA-DMDM



AXA-DDFD



BIF-CB

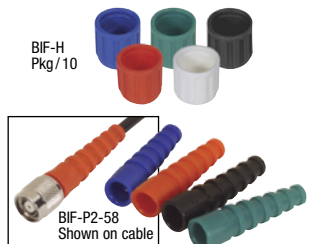


BIF-TB2

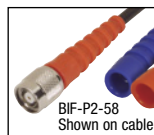
BNC Connector Identifiers/Insulators - Take on New Look with Color-Coded Insulated Covers

The conventional BNC crimp connector may now be modified to be fully insulated, helping eliminate ground loop problems. Our colorful slip-on insulated covers are quick to assemble and provide color coding. The hood cover is installed over the BNC movable collar; the plastic bend strain protector is slipped on over ferrule after the crimping operation. An important feature is the added support offered by the bend-protector; it helps prevent cable breakage.

BIF-H0	Coaxial Connector Cover for BNC, Pkg/10	Black	2.39	2.20	2.01	CALL
BIF-H2	Coaxial Connector Cover for BNC, Pkg/10	Red	2.39	2.20	2.01	CALL
BIF-H5	Coaxial Connector Cover for BNC, Pkg/10	Green	2.39	2.20	2.01	CALL
BIF-H6	Coaxial Connector Cover for BNC, Pkg/10	Blue	2.39	2.20	2.01	CALL
BIF-H9	Coaxial Connector Cover for BNC, Pkg/10	White	2.39	2.20	2.01	CALL
BIF-P0-58	Coaxial Plastic Bend Protector for RG58, Pkg/10	Black	3.05	2.80	2.56	CALL
BIF-P2-58	Coaxial Plastic Bend Protector for RG58, Pkg/10	Red	3.05	2.80	2.56	CALL
BIF-P5-58	Coaxial Plastic Bend Protector for RG58, Pkg/10	Green	3.05	2.80	2.56	CALL
BIF-P6-58	Coaxial Plastic Bend Protector for RG58, Pkg/10	Blue	3.05	2.80	2.56	CALL
BIF-P0-59/62	Coaxial Plastic Bend Protector for RG59/RG62, Pkg/10	Black	2.12	1.95	1.78	CALL
BIF-P2-59/62	Coaxial Plastic Bend Protector for RG59/RG62, Pkg/10	Red	2.12	1.95	1.78	CALL
BIF-P5-59/62	Coaxial Plastic Bend Protector for RG59/RG62, Pkg/10	Green	2.12	1.95	1.78	CALL
BIF-P6-59/62	Coaxial Plastic Bend Protector for RG59/RG62, Pkg/10	Blue	2.12	1.95	1.78	CALL
BIF-P9-59/62	Coaxial Plastic Bend Protector for RG59/RG62, Pkg/10	White	2.12	1.95	1.78	CALL



BIF-H Pkg/10



BIF-P2-58 Shown on cable

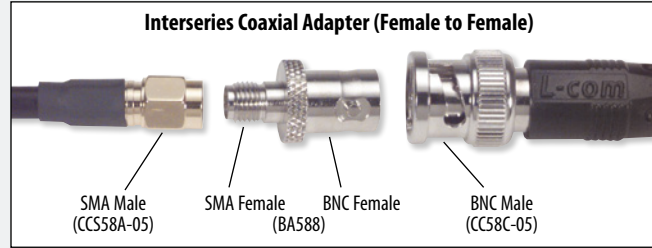
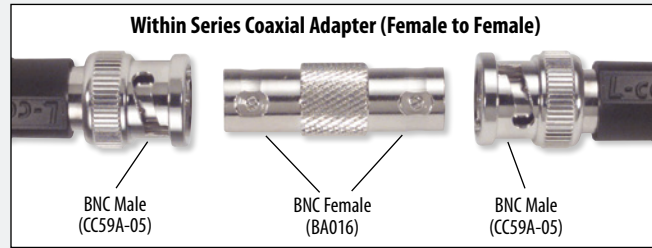
BIF-P-58 Pkg/10

Some Connectors are sold in 10-Packs. See website for details. Adapters are sold individually.

Tip *What is the difference between a WITHIN SERIES coaxial adapter and an INTERSERIES coaxial adapter?*

A **WITHIN SERIES** coaxial adapter connects between two interfaces of the same series (i.e. SMA to SMA) in female to female, male to female or male to male configurations.

An **INTERSERIES** coaxial adapter connects between two interfaces of different series (i.e. SMA to BNC) in female to female, male to female or male to male configurations.



BAK300



BAK400



BA1200K



BA1700K

Item #	Description	1-9	10-24	25-99	100+
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Deluxe Coaxial Adapter Kit - Immediate Assembly of 108 Adapters

Thirty component parts interchangeably screw together to form up to 108 different types of coaxial adapters, all in a matter of seconds. Disassemble them when you're through, for use next time. Truly a problem solver for those unique situations and it replaces a drawer full of adapters. Premium quality, having gold center pins and Teflon insulators for good conductivity and low loss. All components are gold plated to prevent long term oxidation. The deluxe coaxial adapter kit contains male and female: Type N, BNC, TNC, SMA, UHF and Mini-UHF types of interconnections. Mix and match to suit your immediate needs. Supplied in a handy leatherette, zippered storage case ideal for portable use.

BAK300	Deluxe Coaxial Adapter Kit	150.24	144.23	138.22	CALL
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Premium Coaxial Adapter Kit - Assemble up to 192 Different Adapters

Forty component parts interchangeably screw together to form up to 192 different types of coaxial adapters. The secret is the special in-between fittings that allow you to assemble virtually any coaxial adapter in a matter of seconds. Mix and match to suit your needs. Disassemble them when you're through for use next time. A problem solver for those unique situations and it replaces a drawer full of adapters. Premium quality, featuring gold plated pins and Teflon insulators and gold plated overall. Kit assembles the same types as the BAK300, plus RCA-Phono and Type F. Supplied in portable black leatherette zippered storage case. No technician or third party maintenance person should be without this.

BAK400	Premium Coaxial Adapter Kit	180.29	173.08	165.87	CALL
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SMA Interseries Adapter Kit - 10 of the Most Commonly Used Adapters

The BA1200K includes 10 of the most commonly used SMA interseries adapters. This kit is a super value versus buying the parts separately and includes a free 7 compartment plastic case. Adapters included are: BA20, BA23 (2), BA28 (2), BA29 (2), BA34, BA38, BA588.

BA1200K	SMA Interseries Adapter Kit	61.13	57.46	53.79	CALL
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BNC Within Series Adapter Kit

This useful adapter kit offers a super value to buying parts separately. Kit includes various BNC adapters as well as 3 port tees and right angle configurations all stored in a multi compartment storage case. Adapters are machined and plated for corrosion resistance and long life.

BA1700K	BNC Adapter Kit	48.69	45.77	42.85	CALL
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BNC Interseries Assortment - Adapters to Mate SMA, UHF, RCA and Type F

A handy adapter assortment to have in the lab or workshop. How many times did you come up with a mismatch in coaxial cables and nowhere to turn to make the connection? We have the answer with our Interseries Assortment that contains eleven adapters, one each of the following: BA28, BA38, BA50, BA60, BA90, BA94, BA95, BA120, BA125, BA220 and BA230. Seven compartment carry case included.

BA1800K	BNC Interseries Adapter Assortment	48.69	45.77	42.85	CALL
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Tip *What makes up the different types of connectors?*

The two main components of a connector that determine the mating type (sex) are the **BODY** and the **PIN**.



Here is a Standard Polarity Plug connector:
It is made up of a **PLUG BODY** and a **MALE PIN**. Standard polarity plug connectors can also be known as Male Connectors.



Here is a Reverse Polarity Plug connector:
It is made up of a **PLUG BODY** and a **FEMALE PIN**. The polarity of the pin is reversed, thus making it a Reverse Polarity Plug Connector.



Here is a Standard Polarity Jack connector:
It is made up of a **JACK BODY** and a **FEMALE PIN**. Standard polarity jack connectors can also be known as Female Connectors.



Here is a Reverse Polarity Jack connector:
It is made up of a **JACK BODY** and a **MALE PIN**. Again the polarity of the pin is reversed, thus making it a Reverse Polarity Jack Connector.

Coaxial Connector Selection Matrix

Use this handy chart to locate the desired coaxial connector. Simply locate the connector type and gender in the top row. Then find the coaxial cable type in the left hand column. Intersect the row and column to determine availability. Connectors shown in this matrix are listed on pages 192 thru 195. If a specific

connector type is not listed, please visit our website at **L-com.com** for the latest information or call our technical support group at **800-343-1455** for assistance. Connectors listed are generally intended for use in the RF band. Assembly tools can be found on pages 200 and 201.

CABLE TYPE	PLUG TYPES												
	BNC	TNC	RP-TNC	SMA	RP-SMA	SMB	QMA	TYPE N	RP-TYPE N	MCX	MMCX	TYPE F	RCA
RG6 (75 Ohm)	BAC026, BAC029 BAC032											BAC529 BAC-EX6	
RG6Q (75 Ohm)	BAC042												
RG58 (50 Ohm)	BAC836A-58, BAC10A BIF-83, BAC838-58	BAC898-58 BAC500 BAC525		BAC03, BAC03-G BAC02, BAC02-G				BAC519					
RG58 (50 Ohm) Plenum	BAC836A-58P												
RG59 (75 Ohm) Plenum	BAC028, BAC031, BAC541												
RG59/6 (75 Ohm)	BAC027, BAC027A BAC030, BAC836A-59 BAC033, BAC024 BAC706, BAC985 BAC543	BAC933-59 BAC893-59										BAC-CF559U BAC530 BAC-EX59	BAC700-59
RG142								ANM-1J00					
RG174/188/316 (50 Ohm)	BAC836B-74 BAC546	BAC531 BAC537	BAC541	BAC03A, BAC03A-G BAC02A, BAC02A-G BAC502			BAC523 ANM-1114	ARTP-1100	BAC507 BAC508	BAC509 BAC510 ARMMP-1100			
RG179/187/CTL (75 Ohm)	BAC836B-87, BAC551												
RG213 (50 Ohm)		BAC504					BAN111, BAC506						
RG223 (50 Ohm)	BAC547	BAC534, BAC545					ANM-1J00, BAC536						
734 (75 Ohm)	BAC-UPL220-025												
735 (75 Ohm)	BAC-UPL220-026												
1505A (75 Ohm)	BAC-UPL2000-D2B												
1506A (75 Ohm)	BAC-UPL2000-D8B												
BELDEN 9913	HPC992	HPC993					HPC994						
BELDEN 7807	HPC782	HPC783		HPC781									
PANEL MOUNT	BAC1501												
Low Loss 100 Series				ASM-1102	ARSP-1100	ASMBP-1100, ASMBP-1102		ANM-1114		AMM-1102	AMMM-1106 AMMM-1104		
Low Loss 195 Series	ABM-1700, ABM-1702	ATM-1700	ARTP-1708 ARTP-1714	ASM-1714 ASM-1710 ASM-1708	ARSP-1700 ARSP-1702 ARSP-1726 ARSP-1728		AQP-1700, AQP-1702	ANM-1700 ANM-1716	ARNP-1700			AFM-1700	
Low Loss 200 Series		ATM-1204	ARTP-1200	HPC201, HPC202	ARSP-1202			ANM-1202					
Low Loss 240 Series		ATM-1506	ARTP-1502	ASM-1504	ARSP-1504			ANM-1508, ANM-1516					
Low Loss 300 Series			ARTP-1312					ANM-1304					
Low Loss 400 Series		ATM-1402 ATM-1416 ATML-1400	ARTP-1404	HPC401, ASM-1406	ARSP-1404			HPC404, ANM-2400, ANM-1406, ANM-1416 ANM-1420, ANM-2402	ARNP-1404				
Low Loss 600 Series			ARTP-1606					ANM-2602, ANM-1610, ANM-1616					
Low Loss 900 Series								ANM-2904					

CABLE TYPE	JACK TYPES											
	BNC	TNC	RP-TNC	SMA	RP-SMA	SMB	TYPE N	RP-TYPE N	QMA	FME	TYPE F	
RG6 (75 Ohm)	BAC516											
RG58 (50 Ohm)	BAC515, BAC522	BAC513, BAC501 BAC518		BAC05, BAC04			BAC524					
RG58 (50 Ohm) Plenum							BAC527					
RG59/6 (75 Ohm)	BAC908-59 BAC552											BAC520
RG142	BAC548	BAC553, BAC554					BAC544					
RG174/188/316 (50 Ohm)	BAC517, BAC540	BAC514, BAC528		BAC05A, BAC06A BAC503, BAC512								
RG179/187/CTL (75 Ohm)	BAC550											
RG223 (50 Ohm)							BAC544, BAC542					
Panel Mount	BAC260, BAC1503 BAC70A			BAC16			ANF-4000					
Low Loss 100 Series			ARTJ-1100					ASMBJ-1100				
Low Loss 195 Series		ATF-3700, ATF-1700	ARTJ-1708, ARTJ-3702	ASF-3700, ASF-1708	ARSJ-3700, ARSJ-1700		ANF-3700, ANF-1700 ANF-5700	ARNJ-1700	AQJ-3700	AFMEJ-1700		
Low Loss 200 Series							ANF-1202					
Low Loss 240 Series		ATF-1506					ANF-1508					
Low Loss 300 Series							ANF-1304					
Low Loss 400 Series		ATF-1402	ARTJ-3400, ARTJ-1404		ARSJ-1404		ANF-2400, ANF-1406	ARNJ-1404				
Low Loss 600 Series			ARTJ-1606				ANF-2602, ANF-1610					
Low Loss 900 Series							ANF-2904					



Item #	Description	Cable Type	Attachment	1-9	10-24	25-99	100+
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Coaxial Connectors

In addition to the most popular styles, L-com also provides harder to find connectors for all your application needs. Configurations include crimp style, clamp style, bulkhead style and panel mount connectors. Each connector is precision manufactured using only the highest quality materials.

Solderless Coaxial Connectors, 50 Ohm

L-com's Solderless Coaxial Connectors make it quick and easy to terminate coax cable assemblies in the field and on the fly. All that is needed is a cable stripper and crimp tool. No soldering is needed for the center conductor.

ANM-1420	Type N Male	Low Loss 400-Series	Solderless/Crimp	4.35	4.00	3.66	CALL
ARSP-1726	Reverse Polarity SMA Plug, Right Angle	Low Loss 195-Series, RG58	Solderless/Crimp	5.11	4.70	4.30	CALL
ARSP-1728	Reverse Polarity SMA Plug	Low Loss 195-Series, RG58	Solderless/Crimp	5.22	4.80	4.39	CALL
ARTP-1710	Reverse Polarity TNC Plug	Low Loss 195-Series, RG58	Solderless/Crimp	2.83	2.72	2.60	CALL
ARTP-1406	Reverse Polarity TNC Plug	Low Loss 400-Series	Solderless/Crimp	4.52	4.33	4.15	CALL
ARTJ-3704	Reverse Polarity TNC Jack, Bulkhead	Low Loss 195-Series, RG58	Solderless/Crimp	4.35	4.18	4.00	CALL
ABM-1704	BNC Male	Low Loss 195-Series, RG58	Solderless/Crimp	2.83	2.72	2.60	CALL

TNC Coaxial Connectors, 50 Ohm

BAC893-58	TNC Male	RG58	Crimp	3.05	2.86	2.68	CALL
BAC525	TNC Male, Right Angle	RG58	Crimp	5.77	5.42	5.07	CALL
BAC537	TNC Male, Right Angle	RG174/RG188/RG316	Crimp	7.94	7.47	6.99	CALL
BAC545	TNC Male	RG223	Crimp	6.09	5.73	5.36	CALL
BAC531	TNC Male	RG174/RG188/RG316	Crimp	6.69	6.29	5.89	CALL
BAC504	TNC Male	RG213	Crimp	3.05	2.86	2.68	CALL
ATM-1204	TNC Male	Low Loss 200-Series	Crimp	3.86	3.55	3.24	CALL
ATM-1506	TNC Male	Low Loss 240-Series	Crimp	4.52	4.15	3.79	CALL
ATM-1402	TNC Male	Low Loss 400-Series	Crimp	4.52	4.15	3.79	CALL
ATM-1416	TNC Male, Right Angle	Low Loss 400-Series	Crimp	5.77	5.31	4.84	CALL
ATML-1400	TNC Male, Reverse Thread	Low Loss 400-Series	Crimp	4.24	3.90	3.56	CALL
BAC513	TNC Female	RG58	Crimp	3.05	2.86	2.68	CALL
BAC514	TNC Female	RG174/RG188/RG316	Crimp	3.05	2.86	2.68	CALL
BAC528	TNC Female, Bulkhead	RG174/RG188/RG316	Crimp	7.29	6.85	6.41	CALL
BAC553	TNC Female	RG142/RG223/RG400	Crimp	6.69	6.29	5.89	CALL
BAC554	TNC Female, Bulkhead	RG142/RG223/RG400	Crimp	7.62	7.16	6.70	CALL
ATF-1700	TNC Female	Low Loss 195-Series, RG58	Crimp	2.07	1.90	1.74	CALL
ATF-1506	TNC Female	Low Loss 240-Series	Crimp	4.24	3.90	3.56	CALL
ATF-1402	TNC Female	Low Loss 400-Series	Crimp	4.90	4.50	4.11	CALL
ATF-3700	TNC Female, Bulkhead	Low Loss 195-Series, RG58	Crimp	4.24	3.90	3.56	CALL
ARTP-1A10	Reverse Polarity TNC Plug	RG6	Crimp	3.86	3.55	3.24	CALL
ARTP-1100	Reverse Polarity TNC Plug	RG316/RG174/RG188	Crimp	6.04	5.56	5.07	CALL
ARTP-1708	Reverse Polarity TNC Plug	Low Loss 195-Series, RG58	Crimp	3.86	3.55	3.24	CALL
ARTP-1710	Reverse Polarity TNC Plug	Low Loss 195-Series, RG58	Solderless/Crimp	2.83	2.72	2.60	CALL
ARTP-1200	Reverse Polarity TNC Plug	Low Loss 200-Series	Crimp	3.86	3.55	3.24	CALL
ARTP-1502	Reverse Polarity TNC Plug	Low Loss 240-Series	Crimp	5.11	4.70	4.30	CALL
ARTP-1312	Reverse Polarity TNC Plug	Low Loss 300-Series	Crimp	5.11	4.70	4.30	CALL
ARTP-1404	Reverse Polarity TNC Plug	Low Loss 400-Series	Crimp	5.11	4.70	4.30	CALL
ARTP-1406	Reverse Polarity TNC Plug	Low Loss 400-Series	Solderless/Crimp	4.52	4.33	4.15	CALL
ARTP-1606	Reverse Polarity TNC Plug	Low Loss 600-Series	Crimp	6.42	5.91	5.39	CALL
BAC501	Reverse Polarity TNC Jack	RG58	Crimp	6.04	5.68	5.31	CALL
ARTJ-3100	Reverse Polarity TNC Jack, Bulkhead	Low Loss 100-Series	Crimp	4.03	3.70	3.38	CALL
ARTJ-3702	Reverse Polarity TNC Jack, Bulkhead	Low Loss 195-Series, RG58	Crimp	3.86	3.55	3.24	CALL
ARTJ-3704	Reverse Polarity TNC Jack, Bulkhead	Low Loss 195-Series, RG58	Solderless/Crimp	4.35	4.18	4.00	CALL
ARTJ-1708	Reverse Polarity TNC Jack	Low Loss 195-Series, RG58	Crimp	3.86	3.55	3.24	CALL
ARTJ-3400	Reverse Polarity TNC Jack, Bulkhead	Low Loss 400-Series	Crimp	3.97	3.65	3.34	CALL
ARTJ-1404	Reverse Polarity TNC Jack	Low Loss 400-Series	Crimp	4.24	3.90	3.56	CALL
ARTJ-1606	Reverse Polarity TNC Jack	Low Loss 600-Series	Crimp	4.35	4.00	3.66	CALL

TNC Coaxial Connectors, 75 Ohm

BAC893-59	TNC Male	RG59	Crimp	2.85	2.68	2.51	CALL
BAC933-59	TNC Male	RG59	Twist On	3.73	3.51	3.28	CALL
BAC934-59	TNC Male	RG59	Crimp	5.44	5.11	4.79	CALL

SMA Coaxial Connectors, 50 Ohm

BAC03-G	SMA Male, Gold	RG58	Crimp	5.17	4.86	4.55	CALL
BAC02-G	SMA Male, Right Angle Gold	RG58	Crimp	5.17	4.86	4.55	CALL
ASM-1710	SMA Male, Right Angle	Low Loss 195-Series, RG58	Crimp	4.24	3.90	3.56	CALL
ASM-1708	SMA Male	Low Loss 195-Series, RG58	Crimp	4.24	3.90	3.56	CALL
BAC02A	SMA Male, Right Angle Nickel	RG174/RG188/RG316	Crimp	5.17	4.86	4.55	CALL
BAC03A	SMA Male, Nickel	RG174/RG188/RG316	Crimp	5.17	4.86	4.55	CALL
BAC03A-G	SMA Male, Gold	RG174/RG188/RG316	Crimp	5.17	4.86	4.55	CALL
BAC02A-G	SMA Male, Right Angle Gold	RG174/RG188/RG316	Crimp	4.79	4.50	4.21	CALL
ASM-1102	SMA Male	Low Loss 100-Series	Crimp	4.24	3.90	3.56	CALL
ASM-1504	SMA Male	Low Loss 240-Series	Crimp	3.86	3.55	3.24	CALL
ASM-1406	SMA Male	Low Loss 400-Series	Crimp	4.24	3.90	3.56	CALL
HPC401	SMA Male	Low Loss 400-Series	Crimp	11.59	11.12	10.66	CALL
BAC06A	SMA Female, Bulkhead Gold	RG174/RG188/RG316	Crimp	6.42	6.03	5.65	CALL
BAC05A	SMA Female, Nickel	RG174/RG188/RG316	Crimp	6.42	6.03	5.65	CALL
ASF-3700	SMA Female, Bulkhead	Low Loss 195-Series, RG58	Crimp	4.24	3.90	3.56	CALL
ASF-1708	SMA Female	Low Loss 195-Series, RG58	Crimp	4.24	3.90	3.56	CALL
BAC503	Reverse Polarity SMA Jack, Bulkhead	RG174/RG188/RG316	Crimp	6.04	5.68	5.31	CALL
BAC512	Reverse Polarity SMA Jack	RG174/RG188/RG316	Crimp	6.69	6.29	5.89	CALL
ARSJ-3100	Reverse Polarity SMA Jack, Bulkhead	Low Loss 100-Series	Crimp	2.99	2.75	2.51	CALL
ARSJ-3700	Reverse Polarity SMA Jack, Bulkhead	Low Loss 195-Series, RG58	Crimp	5.11	4.70	4.30	CALL
ARSJ-1700	Reverse Polarity SMA Jack	Low Loss 195-Series, RG58	Crimp	5.11	4.70	4.30	CALL
ARSJ-1404	Reverse Polarity SMA Jack	Low Loss 400-Series	Crimp	5.11	4.70	4.30	CALL
BAC502	Reverse Polarity SMA Plug	RG174/RG188/RG316	Crimp	6.04	5.68	5.31	CALL
ARSP-1100	Reverse Polarity SMA Plug	Low Loss 100-Series	Crimp	4.24	3.90	3.56	CALL
ARSP-1700	Reverse Polarity SMA Plug	Low Loss 195-Series, RG58	Crimp	5.22	4.80	4.39	CALL
ARSP-1702	Reverse Polarity SMA Plug, Right Angle	Low Loss 195-Series, RG58	Crimp	5.11	4.70	4.30	CALL
ARSP-1726	Reverse Polarity SMA Plug, Right Angle	Low Loss 195-Series, RG58	Solderless/Crimp	5.11	4.70	4.30	CALL
ARSP-1728	Reverse Polarity SMA Plug	Low Loss 195-Series, RG58	Solderless/Crimp	5.22	4.80	4.39	CALL
ARSP-1202	Reverse Polarity SMA Plug	Low Loss 200-Series	Crimp	4.24	3.90	3.56	CALL
HPC202	Reverse Polarity SMA Plug	Low Loss 200-Series	Crimp	7.62	7.31	7.01	CALL
ARSP-1504	Reverse Polarity SMA Plug	Low Loss 240-Series	Crimp	5.11	4.70	4.30	CALL
ARSP-1404	Reverse Polarity SMA Plug	Low Loss 400-Series	Crimp	6.42	5.91	5.39	CALL

Item #	Description	Cable Type	Attachment	1-9	10-24	25-99	100+
Type N Coaxial Connectors, 50 Ohm							
ANM-1A18	Type N Male	RG6	Crimp	4.24	3.90	3.56	CALL
BAC536	Type N Male	RG142/RG223/RG400	Crimp	6.69	6.29	5.89	CALL
BAC523	Type N Male	RG174	Crimp	8.21	7.72	7.23	CALL
BAC506	Type N Male	RG213	Crimp	7.29	6.85	6.41	CALL
BAN111	Type N Male	RG213	Clamp	7.62	7.16	6.70	CALL
ANM-1J00	Type N Male, Right Angle	RG142/RG223/RG400	Crimp	8.21	7.72	7.23	CALL
ANM-1114	Type N Male	RG316/RG174/RG188	Crimp	4.24	3.90	3.56	CALL
ANM-1700	Type N Male	Low Loss 195-Series, RG58	Crimp	4.24	3.90	3.56	CALL
ANM-1716	Type N Male, Right Angle	Low Loss 195-Series, RG58	Crimp	5.11	4.70	4.30	CALL
ANM-1202	Type N Male	Low Loss 200-Series	Crimp	4.35	4.00	3.66	CALL
ANM-1508	Type N Male	Low Loss 240-Series	Crimp	4.24	3.90	3.56	CALL
ANM-1516	Type N Male, Right Angle	Low Loss 240-Series	Crimp	7.62	7.01	6.40	CALL
ANM-1304	Type N Male	Low Loss 300-Series	Crimp	4.24	3.90	3.56	CALL
ANM-1406	Type N Male	Low Loss 400-Series	Crimp	4.24	3.90	3.56	CALL
ANM-1416	Type N Male, Right Angle	Low Loss 400-Series	Crimp	5.11	4.70	4.30	CALL
ANM-1420	Type N Male	Low Loss 400-Series	Solderless/Crimp	4.35	4.00	3.66	CALL
ANM-2400	Type N Male	Low Loss 400-Series	Clamp	4.52	4.15	3.79	CALL
ANM-2402	Type N Male, Right Angle	Low Loss 400-Series	Clamp	9.68	8.91	8.13	CALL
ANM-2602	Type N Male	Low Loss 600-Series	Clamp	6.42	5.91	5.39	CALL
ANM-1610	Type N Male	Low Loss 600-Series	Crimp	7.72	7.11	6.49	CALL
ANM-1616	Type N Male, Right Angle	Low Loss 600-Series	Crimp	7.62	7.01	6.40	CALL
ANM-2904	Type N Male	Low Loss 900-Series	Clamp	36.56	33.63	30.71	CALL
BAC527	Type N Female	RG174/RG188/RG316	Crimp	8.81	8.28	7.76	CALL
BAC542	Type N Female, Bulkhead	RG55/RG141/RG142/RG223	Crimp	6.04	5.68	5.31	CALL
BAC544	Type N Female	RG55/RG141/RG142/RG223	Crimp	7.29	6.85	6.41	CALL
ANF-1700	Type N Female	Low Loss 195-Series, RG58	Crimp	4.24	3.90	3.56	CALL
ANF-3700	Type N Female, Bulkhead	Low Loss 195-Series, RG58	Crimp	5.11	4.70	4.30	CALL
ANF-5700	Type N Female, Panel Mount	Low Loss 195-Series, RG58	Crimp	4.52	4.15	3.79	CALL
ANF-1202	Type N Female	Low Loss 200-Series	Crimp	4.24	3.90	3.56	CALL
ANF-1508	Type N Female	Low Loss 240-Series	Crimp	4.24	3.90	3.56	CALL
ANF-1304	Type N Female	Low Loss 300-Series	Crimp	4.35	4.00	3.66	CALL
ANF-1406	Type N Female	Low Loss 400-Series	Crimp	4.24	3.90	3.56	CALL
ANF-2400	Type N Female	Low Loss 400-Series	Clamp	4.52	4.15	3.79	CALL
ANF-1610	Type N Female	Low Loss 600-Series	Crimp	7.67	7.06	6.44	CALL
ANF-2602	Type N Female	Low Loss 600-Series	Clamp	6.09	5.61	5.12	CALL
ANF-2906	Type N Female	Low Loss 900-Series	Clamp	36.56	33.63	30.71	CALL
ANF-2904	Type N Female, Times Microwave® #EZ-900-NFC-2	Low Loss 900-Series	Clamp	91.39	84.08	76.77	CALL
ARNJ-1700	Reverse Polarity Type N Jack	Low Loss 195-Series, RG58	Crimp	5.11	4.70	4.30	CALL
ARNJ-1404	Reverse Polarity Type N Jack	Low Loss 400-Series	Crimp	5.11	4.70	4.30	CALL
ARNP-1700	Reverse Polarity Type N Plug	Low Loss 195-Series, RG58	Crimp	5.11	4.70	4.30	CALL
ARNP-1404	Reverse Polarity Type N Plug	Low Loss 400-Series	Crimp	5.11	4.70	4.30	CALL



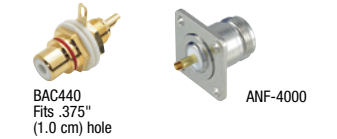
BNC Coaxial Connectors, 50 Ohm

BAC836A-58	BNC Male	RG58	Crimp	3.37	3.17	2.97	CALL
BAC836A-58P	BNC Male	RG58 Plenum	Crimp	4.24	3.99	3.73	CALL
BAC838-58	BNC Male	RG58	Twist On	5.17	4.86	4.55	CALL
BIF-83	BNC Male, Insulated	RG58	Crimp	5.22	4.91	4.60	CALL
BAC10A	BNC Male	RG58	Clamp	5.17	4.86	4.55	CALL
BAC547	BNC Male	RG142/RG223/RG400	Crimp	3.05	2.86	2.68	CALL
BAC836B-74	BNC Male	RG174/RG188/RG316	Crimp	5.77	5.42	5.07	CALL
BAC546	BNC Male, Right Angle	RG174/RG188/RG316	Crimp	5.77	5.42	5.07	CALL
ABM-1702	BNC Male, Right Angle	Low Loss 195-Series, RG58	Crimp	5.17	4.75	4.34	CALL
ABM-1704	BNC Male	Low Loss 195-Series, RG58	Solderless/Crimp	2.83	2.72	2.60	CALL
BAC515	BNC Female	RG58	Crimp	5.17	4.86	4.55	CALL
BAC522	BNC Female, Bulkhead	RG58	Crimp	6.42	6.03	5.65	CALL
BAC548	BNC Female	RG142	Crimp	5.66	5.32	4.98	CALL
BAC517	BNC Female	RG174/RG188/RG316	Crimp	5.17	4.86	4.55	CALL
BAC540	BNC Female	RG174/RG188/RG316	Crimp	6.09	5.73	5.36	CALL
ARBJ-1700	Reverse Polarity BNC Jack	Low Loss 195-Series, RG58	Crimp	3.81	3.50	3.20	CALL
ARBP-1700	Reverse Polarity BNC Plug	Low Loss 195-Series, RG58	Crimp	4.24	3.90	3.56	CALL
ARBP-1402	Reverse Polarity BNC Plug	Low Loss 400-Series	Crimp	4.90	4.50	4.11	CALL

BNC Coaxial Connectors, 75 Ohm

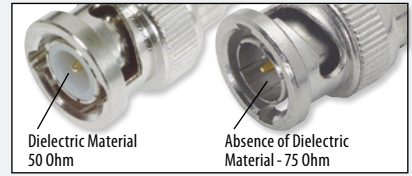
BAC026	BNC Male	RG6	Twist On	3.73	3.51	3.28	CALL
BAC032	BNC Male	RG6	Crimp (2 Pc)	3.68	3.46	3.24	CALL
BAC029	BNC Male	RG6	Crimp (3 Pc)	3.68	3.46	3.24	CALL
BAC042	BNC Male	RG6-Q	Crimp	2.54	2.39	2.23	CALL
BAC024	BNC Male	RG59	Twist On	3.73	3.51	3.28	CALL
BAC027	BNC Male	RG59 (23 AWG C.C.)	Crimp	3.68	3.46	3.24	CALL
BAC027A	BNC Male	RG59 (20 AWG C.C.)	Crimp	3.68	3.46	3.24	CALL
BAC028	BNC Male	RG59 Plenum	Crimp (3 Pc)	3.68	3.46	3.24	CALL
BAC030	BNC Male	RG59	Crimp (2 Pc)	3.68	3.46	3.24	CALL
BAC031	BNC Male	RG59 Plenum	Crimp (2 Pc)	3.68	3.46	3.24	CALL
BAC033	BNC Male	RG59	Solder	4.87	4.58	4.29	CALL
BAC543	BNC Male, Right Angle	RG59	Crimp	5.34	5.02	4.70	CALL
BAC706	BNC Male, Right Angle	RG59/6	Crimp	6.48	6.09	5.70	CALL
BAC985	BNC Male, Right Angle	RG59/6	Twist On	6.58	6.19	5.79	CALL
BAC836A-59	BNC Male	RG59/6	Crimp	3.11	2.92	2.74	CALL
BAC551	BNC Male, Right Angle	RG179/RG187	Crimp	5.91	5.55	5.20	CALL
BAC836B-87	BNC Male	RG187/CTL	Crimp	3.11	2.92	2.74	CALL
BAC516	BNC Female	RG6	Crimp	4.51	4.24	3.97	CALL
BAC908-59	BNC Female	RG59/6	Crimp	4.51	4.24	3.97	CALL
BAC552	BNC Female, Bulkhead	RG59	Crimp	6.01	5.65	5.29	CALL
BAC550	BNC Female, Bulkhead	RG179	Crimp	4.56	4.29	4.01	CALL

Some Connectors are sold in 10-Packs. See website for details. Adapters are sold individually.



Tip Distinguishing between 50 and 75 Ohm BNC connectors

BNC connectors are one of the few coaxial connectors that are available in two impedance values of 50 and 75 Ohms. You can distinguish the two types by the absence of dielectric material at the interface of the 75 Ohm version as shown.



Item #	Description	Cable Type	Attachment	1-9	10-24	25-99	100+
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Digital Grade BNC Connectors for 1505A and 1506A Cable, 75 Ohm

BAC-UPL2000-D2B	BNC Male	1505A Coax	Crimp	9.53	9.15	8.77	CALL
BAC-UPL2000-D8B	BNC Male	1506A Plenum Coax	Crimp	9.53	9.15	8.77	CALL

Telecommunications Grade BNC Connectors for 734 and 735 Cable, 75 Ohm

BAC-UPL220-025	BNC Male	734 Coax	Crimp	11.76	11.29	10.82	CALL
BAC-UPL220-026	BNC Male	735 Coax	Crimp	11.76	11.29	10.82	CALL

Twin BNC Connector - Bayonet Style Coupling Polarized Contacts

BAC928	Twin BNC	Twinaxial	Clamp	8.92	8.39	7.85	CALL
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BNC, TNC and Type N - Belden 9913 Cable

Belden 9913 style cable is an RG8 / U type cable with low loss performance characteristics. This cable utilizes a semi-solid polyethylene as an insulator along with a solid 10 AWG center conductor to achieve this performance enhancement.

HPC992	BNC Plug	9913	Crimp	13.38	12.85	12.31	CALL
HPC993	TNC Plug	9913	Crimp	13.38	12.85	12.31	CALL
HPC994	Type N Plug	9913	Crimp	13.38	12.85	12.31	CALL

SMA, BNC and TNC - Belden 7807 Cable

Belden 7807 cable is an RG58 type cable with low loss performance characteristics. This cable utilizes a gas injected foam HDPE as an insulator along with a solid 17 AWG center conductor to achieve this performance enhancement.

HPC781	SMA Plug	7807	Crimp	12.89	12.38	11.86	CALL
HPC782	BNC Plug	7807	Crimp	10.99	10.55	10.11	CALL
HPC783	TNC Plug	7807	Crimp	10.99	10.55	10.11	CALL

Panel Mount Receptacle Connectors

These series of connectors are intended for panel mounting with discrete receptacle terminations. Offered in BNC, RCA, SMA and Type N interfaces with various mounting configurations.

BAC1501	BNC Male Bulkhead	N/A		3.64	3.43	3.21	CALL
BAC1503	BNC Female Bulkhead	N/A		3.64	3.43	3.21	CALL
BAC70A	BNC Female Bulkhead	N/A		3.64	3.43	3.21	CALL
BAC260	BNC Female, 4 Hole Flange	N/A		3.64	3.43	3.21	CALL
BAC930	Twin BNC Female Bulkhead	N/A		7.24	6.80	6.37	CALL
BAC440	RCA Female Insulated Bulkhead	N/A		4.79	4.50	4.21	CALL
ANF-4000	Type N Female, 4 Hole Flange	N/A		4.52	4.15	3.79	CALL
BAC16	SMA Female Bulkhead	N/A		6.04	5.68	5.31	CALL
ARSJ-4000	Reverse Polarity SMA Jack	1" (2.5cm) Flange for PCB		4.35	4.00	3.66	CALL

Type F Coaxial Connectors, 75 Ohm

BAC529	Type F Male, Indoor/Outdoor	RG6	Crimp	1.45	1.36	1.28	CALL
BAC-EX6	Type F Male	RG6	Compression	1.71	1.61	1.50	CALL
BAC-CFS59U	Type F Male, Indoor	RG59	Crimp	1.14	1.07	1.00	CALL
BAC530	Type F Male, Indoor/Outdoor	RG59	Crimp	1.45	1.36	1.28	CALL
BAC-EX59	Type F Male	RG59	Compression	1.71	1.61	1.50	CALL
AFM-1700	Type F Male	Low Loss 195-Series, RG58	Crimp	3.86	3.55	3.24	CALL
BAC520	Type F Female	RG59	Crimp	3.21	3.02	2.83	CALL

RCA Coaxial Connector - Push-On Coupling for 75 Ohm Coaxial Cable

The RCA connector is the most commonly used connector type found on consumer electronics for both composite and component video as well as audio in some cases.

BAC700-59	RCA Male	Push-On RG59	Crimp	1.14	1.07	1.00	CALL
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TS-9 Coaxial Connector, 50 Ohm

TS-9 connectors are generally used with cellular type products such as certain models manufactured by Novatel, Sierra Wireless and ZTE.

ATS9P-1100	TS-9 Plug	Low Loss 100-Series RG174/RG188/RG316	Crimp	7.62	7.01	6.40	CALL
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MCX Coaxial Connectors, 50 Ohm

This subminiature coaxial connector is widely used in GPS and wireless infrastructure applications. Offered in both straight and right angle configurations with crimp style attachment.

BAC507	MCX Plug	RG174/RG188/RG316	Crimp	5.77	5.42	5.07	CALL
BAC508	MCX Plug, Right Angle	RG174/RG188/RG316	Crimp	6.09	5.73	5.36	CALL
AMM-1102	MCX Plug	Low Loss 100-Series	Crimp	3.86	3.55	3.24	CALL
BAC526	MCX Jack	RG174/RG188/RG316	Crimp	7.02	6.60	6.18	CALL

UHF Connectors, 50 Ohm

AUM-1700	UHF Male	Low Loss 195-Series, RG58	Crimp	3.64	3.35	3.06	CALL
AUM-1402	UHF Male	Low Loss 400-Series	Crimp	3.64	3.35	3.06	CALL

Some Connectors are sold in 10-Packs. See website for details. Adapters are sold individually.

Item #	Description	Cable Type	Attachment	1-9	10-24	25-99	100+
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MMCX Coaxial Connectors, 50 Ohm

This microminiaturized connector is widely used in PCB surface mount coaxial interconnect systems in applications such as wireless LAN equipment and GPS.

BAC509	MMCX Plug	RG174/RG188/RG316	Crimp	6.42	6.03	5.65	CALL
BAC510	MMCX Plug, Right Angle	RG174/RG188/RG316	Crimp	6.69	6.29	5.89	CALL
AMMM-1104	MMCX Plug, Right Angle	Low Loss 100-Series	Crimp	3.86	3.55	3.24	CALL
AMMM-1106	MMCX Plug, Straight	Low Loss 100-Series	Crimp	3.86	3.55	3.24	CALL
ARMMP-1100	MMCX Plug, Rt. Angle, Rev. Pol	Low Loss 100-Series	Crimp	4.35	4.00	3.66	CALL

MC Card Connector, 50 Ohm

AMCM-1102	MC Card Male	Low Loss 100-Series	Crimp	3.86	3.55	3.24	CALL
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NMO Connector, 50 Ohm

AAM1-1700	NMO 3/4" (1.9cm) Hole	Low Loss 195-Series, RG58	Crimp	4.35	4.00	3.66	CALL
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QMA Connector, 50 Ohm

AQJ-3700	QMA Jack Bulkhead	Low Loss 195-Series, RG58	Crimp	9.47	8.71	7.95	CALL
AQP-1700	QMA Plug Right Angle	Low Loss 195-Series, RG58	Crimp	7.72	7.11	6.49	CALL
AQP-1702	QMA Plug	Low Loss 195-Series, RG58	Crimp	7.45	6.86	6.26	CALL

SMB Connectors, 50 Ohm

ASMBP-1100	SMB Plug	Low Loss 100-Series	Crimp	4.79	4.40	4.02	CALL
ASMBP-1102	SMB Plug, Right Angle	Low Loss 100-Series	Crimp	5.77	5.31	4.84	CALL
ASMBJ-1100	SMB Jack	Low Loss 100-Series	Crimp	4.24	3.90	3.56	CALL

FME Connectors, 50 Ohm

BAC8015	FME Plug	Low Loss 195-Series, RG58	Crimp	3.64	3.43	3.21	CALL
AFMEJ-1700	FME Jack	Low Loss 195-Series, RG58	Crimp	3.64	3.35	3.06	CALL

ORINOCO Compatible Connector, 50 Ohm*

AAPM-1100	AlProx Male Right Angle	Low Loss 100-Series	Crimp	5.00	4.60	4.20	CALL
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Waverider Compatible Connector, 50 Ohm*

AWM-1700	Waverider Compatible Male	Low Loss 195-Series, RG58	Crimp	5.22	4.80	4.39	CALL
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Shrouded SMA Connector, 50 Ohm

ASM-1714	Shrouded SMA Male Rt Angle	Low Loss 195-Series, RG58	Crimp	4.24	3.90	3.56	CALL
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Sierra Wireless Aircard Compatible Connector, 50 Ohm*

ASNP-1100	SMA Nano-Plug	Low Loss 100-Series	Crimp	5.11	4.70	4.30	CALL
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*Note: See website for additional compatibility information.

Some Connectors are sold in 10-Packs. See website for details. Adapters are sold individually.



Tip *The anatomy of a coaxial connector*

The two main components of a connector that determine the mating type (sex) are the **BODY** and the **PIN**.

Here are two examples of **PLUG** bodies (aka Male).



This is a **PLUG** body of a typical threaded type connector. Note that the threads are on the inside of the body.



This is a **PLUG** body of a typical bayonet type connector such as a BNC. Note the coupling mechanism on the body.

And these are two examples of **JACK** bodies (aka Female).



This is a **JACK** body of a typical threaded type connector. Note that the threads are on the outside of the body.



This is a **JACK** body of a typical bayonet type connector such as a BNC. Note the bayonets on the body.



This is a **MALE** pin.



This is a **FEMALE** pin.

So what makes up the different types of connectors?

Here is a Standard Polarity Plug connector:



It is made up of a **PLUG BODY** and a **MALE PIN**. Standard polarity plug connectors can also be known as Male Connectors.

Here is a Standard Polarity Jack connector:



It is made up of a **JACK BODY** and a **FEMALE PIN**. Standard polarity jack connectors can also be known as Female Connectors.

Here is a Reverse Polarity Plug connector:



It is made up of a **PLUG BODY** and a **FEMALE PIN**. The polarity of the pin is reversed, thus making it a Reverse Polarity Plug Connector.



















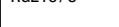
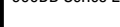
Here is a Reverse Polarity Jack connector:



It is made up of a **JACK BODY** and a **MALE PIN**. Again the polarity of the pin is reversed, thus making it a Reverse Polarity Jack Connector.

How do you select the right coaxial cable for your application?

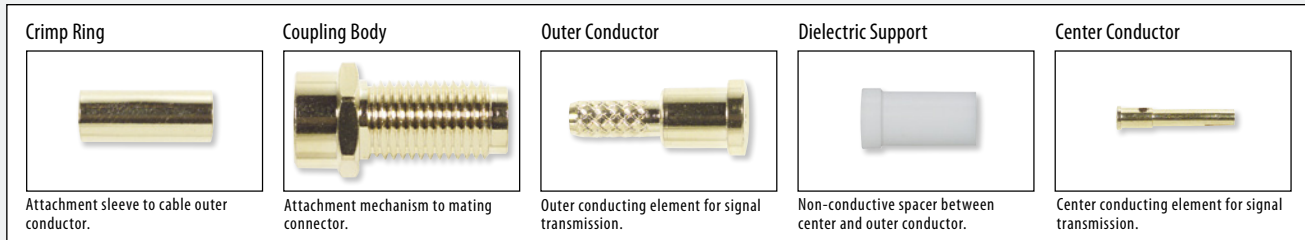
There are a number of coaxial cable styles available today. "RG" style cables were originally designed for military applications but now are extensively used in commercial applications. Low Loss coaxial cables are designed to meet the demands of the wireless communications market. High performance with low signal loss makes them ideal for a wide array of wireless applications. The following coaxial cable selection guide is intended as a general guide to assist you in selecting the right cable for your application.

Cable Type	Impedance	Typical Application	Cable Type	Impedance	Typical Application
 RG174/U	50 Ohm	Transmission of data signals in applications such as LAN/WAN or GPS.	 RG179B/U	75 Ohm	Transmission of a video signal in applications such as security systems where high temperature performance is needed.
 RG188A/U	50 Ohm	Transmission of data signals in applications such as LAN/WAN or GPS in situations where high temperature performance is needed.	 RG187/U	75 Ohm	Transmission of a video signal in applications such as security systems where high temperature performance is needed.
 RG316/U	50 Ohm	Transmission of data signals in applications such as LAN/WAN or GPS in situations where high temperature performance is needed.	 100 Series Low Loss	50 Ohm	Drop-in Low Loss equivalent for RG316/174. Very short radio pigtails/jumper cables.
 RG58C/U	50 Ohm	Transmission of data signals in applications such as antenna feed cables or Ethernet backbones.	 195 Series Low Loss	50 Ohm	Drop-in Low Loss equivalent for RG58/142. Short antenna and jumper cables.
 RG142B/U	50 Ohm	Transmission of data signals in applications such as antenna feed cables or Ethernet backbones in situations where high temperature performance is needed.	 200 Series Low Loss	50 Ohm	Short antenna cable feeds. Applications requiring easily routed low loss cable.
 RG59A/U	75 Ohm	Transmission of a video or audio signal in applications such as security systems or CATV.	 240 Series Low Loss	50 Ohm	Medium length antenna/jumper cables.
 RG59B/U	75 Ohm	Transmission of a video or audio signal in applications such as security systems or CATV.	 400 Series Low Loss	50 Ohm	Drop-in Low Loss equivalent for RG8/9913. Medium distance antenna feed cables.
 RG6/U	75 Ohm	Transmission of a video or audio signal in applications such as security systems or CATV.	 400 Ultra Flex Series Low Loss	50 Ohm	Applications requiring maximum flexibility and repeated bending/flexing. Drop-in Low Loss equivalent for RG-8/9913.
 RG223/U	50 Ohm	Transmission of data signals in applications such as LAN/WAN or GPS in situations where low signal loss and high shielding performance is needed.	 600 Series Low Loss	50 Ohm	Medium distance base station and cell tower applications.
 RG213/U	50 Ohm	Transmission of data signals in applications such as antenna feed cables in situations where low signal loss and high operating voltage performance is needed.	 900DB Series Low Loss	50 Ohm	Outdoor/direct burial applications, jumper cable assemblies for 1-5/8" & 2-1/4" feeders, medium antenna cable feeds with no jumpers required and long distance base station and cell tower applications.

Note: Images on this page are for reference only and may not be to scale

Anatomy of a Coaxial Connector

There are a wide variety of coaxial connectors available today. These connectors are offered in numerous interface types and attachment methods. Illustrated below are some common elements and functions shared by most of these coaxial connectors.



Building Your Own Coaxial Cable Assembly

In order to successfully build your own coaxial cable assembly, you must make the following decisions:

1. Select a cable type

Many parameters come into play in making this decision from electrical performance properties such as impedance, shielding and attenuation to mechanical properties such as diameter, center conductor construction (solid vs stranded) and jacket material. A selection of the most commonly used cable is listed on pages 198 and 199.

2. Select a connector type

Numerous connector interfaces exist such as BNC, TNC, SMA, F or RCA to name just a few. Each has a different application and come in both male and female versions. A selection of the most popular types is listed on pages 191-195.

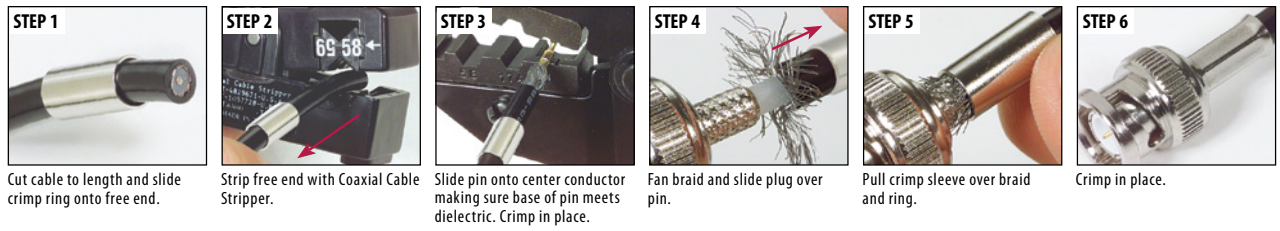
3. Select an attachment method

In general, there are three basic methods to attach a coaxial connector to a coaxial cable. They are crimp, clamp and twist-on. Each of these methods is illustrated below.

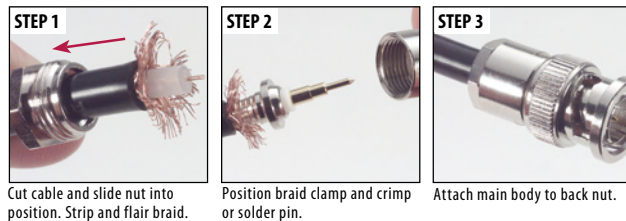
4. Select a tool

If a crimp attachment method was selected then a crimp tool will be needed. The crimp cross reference chart on page 200 will assist you in selecting the correct tool.

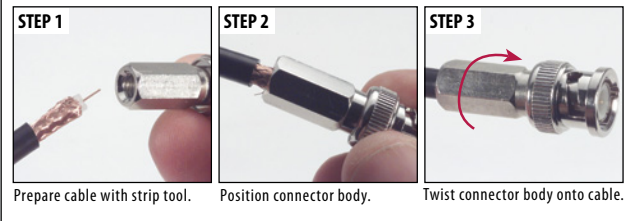
Crimp Method: This is the most common connector attachment method. In this case the cable shield is crimped to the connector using the crimp ring. The connector center conductor is attached to the cable center conductor by crimp or solder.



Clamp Method: The clamp method is often used for weather exposure applications or when crimp tools are not available. In this case the cable shield is clamped between the connector body and back nut. The connector center conductor is usually soldered to the cable center conductor.



Twist-On Method: This method is most often used in field applications because of its simplicity and not needing special tools.



Crimp Tool:

When using a crimp connector, the HT330K tool kit can be a valuable item (page 200). This kit contains dies for all the commonly used crimp sizes. In addition, this kit comes complete with a cable cutter and a rotary cable stripper - helpful tools for building a cable assembly.



Plug or Jack:

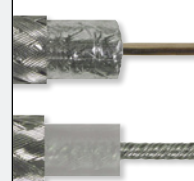


A **PLUG** utilizes a center pin = MALE GENDER



A **JACK** utilizes a center socket = FEMALE GENDER

Solid or Stranded:



SOLID center conductor: best attenuation but somewhat stiff.

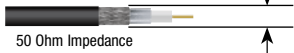


STRANDED center conductor: more flexible but slightly higher attenuation.

Online Video

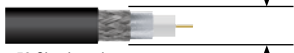
L-com.com/Videos/A19

100 Series \varnothing 0.105 in. (2.7mm) Nominal



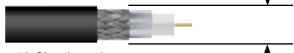
50 Ohm Impedance

195 Series \varnothing 0.195 in. (5.0mm) Nominal



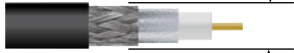
50 Ohm Impedance

200 Series \varnothing 0.195 in. (5.0mm) Nominal



50 Ohm Impedance

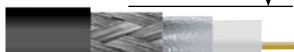
240 Series \varnothing 0.240 in. (6.1mm) Nominal



50 Ohm Impedance

Best Seller

400 Series \varnothing 0.405 in. (10.3mm) Nominal



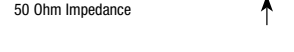
50 Ohm Impedance

400P Series \varnothing 0.358 in. (9.1mm) Nominal



50 Ohm Impedance

400UF Series \varnothing 0.405 in. (10.3mm) Nominal



50 Ohm Impedance

600 Series \varnothing 0.590 in. (15.0mm) Nominal



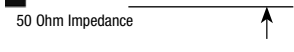
50 Ohm Impedance

900DB Series \varnothing 0.870 in. (22.1mm) Nominal



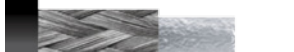
50 Ohm Impedance

RG174/U \varnothing 0.110 in. (2.8mm) Nominal



50 Ohm Impedance

RG188A/U \varnothing 0.108 in. (2.7mm) Nominal



50 Ohm Impedance

Low Loss Bulk Coaxial Cable

100 Series Low Loss Bulk Cable	NOMINAL ATTENUATION			Item #	Description	List
	MHz	db/100ft	db/100m			
• Center Conductor: Solid bare copper covered steel	900	22.8	74.8	CA-100-FOOT	CA-100, by the foot (0.3m)	0.48
• Shielding: Inner foil 90% coverage + tinned copper braid	1800	33.2	108.8	CA-100-R1K	CA-100, 1000ft (304.8m) reel	323.29
• Insulation: Solid polyethylene	2500	39.8	130.6	CA-100W-FOOT	White 100-Series, by the foot (0.3m)	0.69
• Jacket: PVC						
• Operating Temperature: -20°C - +60°C						

195R Series Low Loss Bulk Cable	NOMINAL ATTENUATION			Item #	Description	List
	MHz	db/100ft	db/100m			
• Center Conductor: Solid bare copper	900	11.1	36.5	CA-195R-FOOT	CA-195R, by the foot (0.3m)	0.54
• Shielding: Foil + tinned copper braid (90% coverage)	1800	16.0	52.5	CA-195R-R1K	CA-195R, 1000ft (304.8m) reel	323.29
• Insulation: Physical foam polyethylene (PTFE for Plenum Rated)	2500	19.0	62.4	CA-195RW-FOOT	White CA-195RW, by the foot (0.3m)	0.54
• Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated)	5800	29.9	98.1	CA-195RW-R1K	White CA-195RW, 1000ft (304.8m) reel	323.29
• Operating Temperature: -20°C - +60°C						

200 Series Low Loss Bulk Cable	NOMINAL ATTENUATION			Item #	Description	List
	MHz	db/100ft	db/100m			
• Center Conductor: Solid copper	900	9.9	32.6	CA-200-FOOT	CA-200, by the foot (0.3m)	0.59
• Shielding: Foil + tinned copper braid (90% coverage)	1800	14.2	46.6	CA-200-R1K	CA-200, 1000ft (304.8m) reel	323.29
• Insulation: Physical foam polyethylene	2500	16.9	55.4			
• Jacket: Polyethylene	5800	26.4	86.5			
• Operating Temperature: -40°C - +80°C						

240 Series Low Loss Bulk Cable	NOMINAL ATTENUATION			Item #	Description	List
	MHz	db/100ft	db/100m			
• Center Conductor: Solid copper	900	7.6	24.8	CA-240-FOOT	CA-240, by the foot (0.3m)	0.70
• Shielding: Foil + tinned copper braid	1800	10.9	35.6	CA-240-R500	CA-240, 500ft (152.4m) reel	242.47
• Insulation: Physical foam polyethylene	2500	12.9	45.4			
• Jacket: Polyethylene	5800	20.4	66.8			
• Operating Temperature: -40°C - +80°C						

400 and 400P Series Low Loss Bulk Cable	NOMINAL ATTENUATION			Item #	Description	List
	MHz	db/100ft	db/100m			
• Center Conductor: Copper clad aluminum	900	3.9	12.8	CA-400-FOOT	CA-400, by the foot (0.3m)	0.81
• Shielding: Foil + tinned copper braid	1800	5.7	18.6	CA-400-R500	CA-400, 500ft (152.4m) reel	350.24
• Insulation: Physical foam polyethylene	2500	6.8	22.2	CA-400-R1K	CA-400, 1000ft (304.8m) reel	592.71
• Jacket: Polyethylene (Black)	5800	10.8	35.5	CA400-REEL	WBC-400, 1000ft (304.8m) reel	700.00
• Operating Temperature: -40°C - +80°C				CA400P-FOOT	WBC-400, Plenum, by the foot (0.3m)	4.10
				CA400P-REEL	WBC-400, Plenum, 1000ft (304.8m) reel	2425.00

400 Series Ultra Flex Low Loss Bulk Cable	NOMINAL ATTENUATION			Item #	Description	List
	MHz	db/100ft	db/100m			
• Center Conductor: Stranded bare copper	900	4.7	15.4	CA-400UF-FOOT	CA-400UF, by the foot (0.3m)	1.29
• Shielding: Foil + tinned copper braid	1800	6.8	22.3	CA-400UF-R1K	CA-400UF, 1000ft (304.8m) reel	1185.41
• Insulation: Physical foam polyethylene	2500	8.1	26.6			
• Jacket: Black Thermoplastic Elastomer	5800	13.0	42.6			
• Operating Temperature: -40°C - +85°C						

600 Series Low Loss Bulk Cable	NOMINAL ATTENUATION			Item #	Description	List
	MHz	db/100ft	db/100m			
• Center Conductor: Solid copper	900	2.5	8.2	CA-600-R500	CA-600, 500ft (152.4m) reel	646.59
• Shielding: Foil + tinned copper braid	1800	3.7	12.1	CA-600-R1K	CA-600, 1000ft (304.8m) reel	1293.18
• Insulation: Physical foam polyethylene	2500	4.4	14.5			
• Jacket: Polyethylene	5800	7.3	23.8			
• Operating Temperature: -40°C - +80°C						

900DB Series Low Loss Bulk Cable	NOMINAL ATTENUATION			Item #	Description	List
	MHz	db/100ft	db/100m			
• Center Conductor: BC Tube	900	1.7	5.6	CA900DB-TW-FOOT	Direct Burial, by the foot (0.3m)	5.15
• Shielding: Aluminum tape + tinned copper braid	1800	2.5	8.2	CA900DB-TW-R1K	Direct Burial, 1000ft (304.8m) reel	4525.00
• Insulation: Foam polyethylene	2500	2.9	9.8			
• Jacket: Polyethylene	5800	4.9	16.0			
• Operating Temperature: -40°C - +85°C						

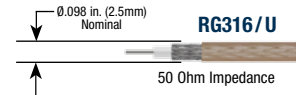
Bulk Coaxial Cable

RG174/U	NOMINAL ATTENUATION			Item #	Description	List
	MHz	db/100ft	db/100m			
• Center Conductor: 26 (7 x 34) AWG bare copper covered steel	100	8.4	27.6	RG174-100	RG174/U, 100ft (30.5m) coil	35.56
• Shielding: Tinned copper braid (90% coverage)	200	12.5	41.0	RG174-500	RG174/U, 500ft (152.4m) spool	167.04
• Insulation: Polyethylene	400	19.0	62.3	RG174-1K	RG174/U, 1,000ft (304.8m) spool	301.74
• Jacket: Black PVC	1000	34.0	111.5			
• Operating Temperature: -40°C - +75°C						

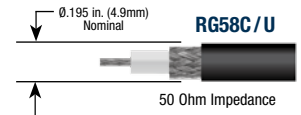
RG188A/U	NOMINAL ATTENUATION			Item #	Description	List
	MHz	db/100ft	db/100m			
• Center Conductor: 26 (7 x 34) AWG silver coated copper covered steel	100	8.3	27.2	RG188A-100	RG188A/U, 100ft (30.5m) coil	113.15
• Shielding: Silver coated copper braid (96% shield coverage)	200	12.0	39.4	RG188A-500	RG188A/U, 500ft (152.4m) spool	554.99
• Insulation: TFE Teflon	400	17.5	57.4	RG188A-1K	RG188A/U, 1,000ft (304.8m) spool	1088.42
• Jacket: White TFE taped	1000	29.0	95.1			
• Operating Temperature: -70°C - +200°C VW-1 vertical flame test compliant						

Bulk Coaxial Cable

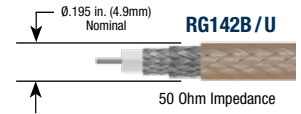
RG316/U	NOMINAL ATTENUATION			Item #	Description	List
	MHz	db/100ft	db/100m			
<ul style="list-style-type: none"> Center Conductor: 26 (7 x 34) AWG silver coated copper covered steel Shielding: Silver coated copper braid (95% shield coverage) Insulation: TFE Teflon Jacket: Brown FEP Operating Temperature: -70°C - +200°C VW-1 vertical flame test compliant 	100	8.3	27.2	RG316-100	RG316/U, 100ft (30.5m) coil	80.82
	200	12.0	39.4	RG316-500	RG316/U, 500ft (152.4m) spool	377.18
	400	17.5	57.4	RG316-1K	RG316/U, 1,000ft (304.8m) spool	700.47
	1000	29.0	95.1	Note: Spools may contain more than one piece.		



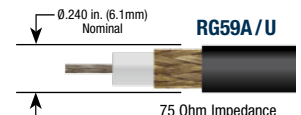
RG58C/U	NOMINAL ATTENUATION			Item #	Description	List
	MHz	db/100ft	db/100m			
<ul style="list-style-type: none"> Center Conductor: 20 (19 x 32) AWG tinned copper Shielding: Tinned copper braid (95% coverage) Insulation: Polyethylene Jacket: Black PVC Operating Temperature: -40°C - +85°C 	100	4.9	16.1	RG58C-100	RG58C/U, 100ft (30.5m) coil	42.03
	200	7.3	23.9	RG58C-500	RG58C/U, 500ft (152.4m) spool	199.36
	400	11.0	36.1	RG58C-1K	RG58C/U, 1,000ft (304.8m) spool	387.95
	1000	20.0	65.6	Note: Spools may contain more than one piece.		



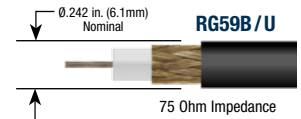
RG142B/U	NOMINAL ATTENUATION			Item #	Description	List
	MHz	db/100ft	db/100m			
<ul style="list-style-type: none"> Center Conductor: 18 AWG solid silver coated copper Shielding: 2 silver coated copper braids (96% coverage) Insulation: TFE Teflon Jacket: Brown FEP Operating Temperature: -70°C - +200°C VW-1 vertical flame test compliant 	100	3.9	12.8	RG142B-100	RG142B/U, 100ft (30.5m) coil	193.98
	200	5.6	18.4	RG142B-500	RG142B/U, 500ft (152.4m) spool	996.82
	400	8.2	26.9	RG142B-1K	RG142B/U, 1,000ft (304.8m) spool	1832.00
	1000	13.5	44.3	Note: Spools may contain more than one piece.		



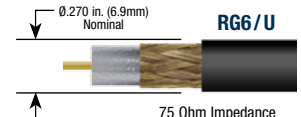
RG59A/U	NOMINAL ATTENUATION			Item #	Description	List
	MHz	db/100ft	db/100m			
<ul style="list-style-type: none"> Center Conductor: 22 (7 x 30) AWG bare copper Shielding: Bare copper braid (95% coverage) Insulation: Foam polyethylene Jacket: Black PVC Operating Temperature: -40°C - +80°C 	100	3.0	9.8	RG59A-100	RG59A/U, 100ft (30.5m) coil	27.15
	200	4.5	14.8	RG59A-500	RG59A/U, 500ft (152.4m) spool	108.75
	400	6.6	21.7	RG59A-1K	RG59A/U, 1,000ft (304.8m) spool	217.55
	1000	10.9	35.8	Note: Spools may contain more than one piece.		



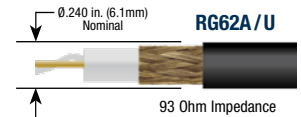
RG59B/U	NOMINAL ATTENUATION			Item #	Description	List
	MHz	db/100ft	db/100m			
<ul style="list-style-type: none"> Center Conductor: 22 AWG solid bare copper covered steel Shielding: Bare copper braid (95% coverage) Insulation: Polyethylene Jacket: Black PVC Operating Temperature: -40°C - +80°C 	100	3.4	11.1	RG59B-100	RG59B/U, 100ft (30.5m) coil	25.85
	200	4.9	16.1	RG59B-500	RG59B/U, 500ft (152.4m) spool	103.57
	400	7.0	23.0	RG59B-1K	RG59B/U, 1,000ft (304.8m) spool	207.19
	1000	12.0	39.3	Note: Spools may contain more than one piece.		



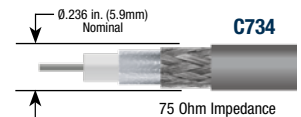
RG6/U	NOMINAL ATTENUATION			Item #	Description	List
	MHz	db/100ft	db/100m			
<ul style="list-style-type: none"> Center Conductor: 18 AWG solid bare copper Shielding: Inner foil (100% coverage); Outer, copper braid (60% coverage) Insulation: Foam Polyethylene Jacket: Black PVC Operating Temperature: -40°C - +80°C 	100	2.1	6.9	RG6-100	RG6/U, 100ft (30.5m) coil	16.27
	200	3.1	10.2	RG6-500	RG6/U, 500ft (152.4m) spool	81.55
	400	4.5	14.8	RG6-1K	RG6/U, 1,000ft (304.8m) spool	184.96
	1000	7.3	23.9	Note: Spools may contain more than one piece.		



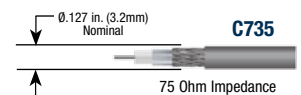
RG62A/U	NOMINAL ATTENUATION			Item #	Description	List
	MHz	db/100ft	db/100m			
<ul style="list-style-type: none"> Center Conductor: 22 AWG solid bare copper covered steel Shielding: Bare copper braid (95% coverage) Insulation: Semi-solid polyethylene Jacket: Black PVC Operating Temperature: -40°C - +80°C 	100	2.7	8.9	RG62A-100	RG62A/U, 100ft (30.5m) coil	29.10
	200	3.8	12.5	RG62A-500	RG62A/U, 500ft (152.4m) spool	134.71
	400	5.3	17.4	RG62A-1K	RG62A/U, 1,000ft (304.8m) spool	247.86
	1000	8.7	28.5	Note: Spools may contain more than one piece.		



734 Type DS3-4	NOMINAL ATTENUATION			Item #	Description	List
	MHz	db/100ft	db/100m			
<ul style="list-style-type: none"> Center Conductor: 20 AWG silver plated solid copper Shielding: Inner AL foil 100% + outer braid Insulation: Foamed polyethylene Jacketing: Polyvinyl chloride (PVC) Operating Temperature: -40°C - +75°C 	5	.55	1.8	C734-100	C734, 100ft (30.5m) coil	59.32
	10	.77	2.5	C734-500	C734, 500ft (152.4m) spool	268.58
	50	1.74	5.7	C734-1K	C734, 1,000ft (304.8m) spool	481.21
	100	2.49	8.2	Note: Spools may contain more than one piece.		



735 Type DS3-4	NOMINAL ATTENUATION			Item #	Description	List
	MHz	db/100ft	db/100m			
<ul style="list-style-type: none"> Center Conductor: 26 AWG silver plated solid copper Shielding: Inner AL foil 100% + outer braid Insulation: Foamed polyethylene Jacketing: Polyvinyl chloride (PVC) Operating Temperature: -40°C - +75°C 	5	1.10	3.6	C735-100	C735, 100ft (30.5m) coil	49.27
	10	1.53	5.0	C735-500	C735, 500ft (152.4m) spool	218.22
	50	3.47	11.4	C735-1K	C735, 1,000ft (304.8m) spool	402.87
	100	4.95	16.2	Note: Spools may contain more than one piece.		



Lengths may vary ±10% from lengths shown.

Crimp Tool Cross Reference Chart

Use this chart to find the correct ferrule and center conductor crimp size as well as the recommended economy, deluxe and deluxe kit crimp tool for each of the connector model numbers listed.

If a specific type is not listed, please visit our website at **L-com.com** for the latest information or call our technical support group at **800-343-1455** for assistance.

CONNECTOR P/N	CRIMP SIZE		CRIMP TOOL		
	FERRULE	CENTER COND.	ECONOMY	DELUXE	DELUXE KIT
ATF-3700	0.213	0.068	HT106D	HT301A	HT330K
BAC519	0.213	0.068	HT106D	HT301A	HT330K
BAC522	0.213	0.068	HT106D	HT301A	HT330K
ANF-1700	0.213	0.068	HT106D	HT301A	HT330K
BAC836A-58	0.213	0.068	HT106D	HT301A	HT330K
BAC836A-58P	0.213	0.068	HT106D	HT301A	HT330K
BIF-83	0.231	0.068	HT106D	HT301A	HT330K
BAC523	0.178	0.068	N/A	HT301J	HT330K
BAC526	0.178	0.068	N/A	HT301J	HT330K
BAC527	0.178	0.068	N/A	HT301J	HT330K
BAC528	0.178	0.068	N/A	HT301J	HT330K
BAC836B-74	0.178	0.068	N/A	HT301J	HT330K
BAC893-58	0.213	0.068	HT106D	HT301A	HT330K
BAC893-59	0.255	0.068	HT106D	HT301A	HT330K
BAC908-59	0.255	0.068	HT106D	HT301A	HT330K
BAC706	0.255	0.068	HT106D	HT301A	HT330K
BAC012	0.324	N/A	HT106H	HT-CRIMP04	HT330K
BAC027	0.255	0.068	HT106D	HT301A	HT330K
BAC027A	0.255	0.068	HT106D	HT301A	HT330K
BAC028	0.255	0.068	HT106D	HT301A	HT330K
BAC029	0.324	0.068	N/A	HT-CRIMP04	HT330K
BAC030	0.324	0.255	N/A	HT-CRIMP04	HT330K
BAC031	0.324	0.255	N/A	HT-CRIMP04	HT330K
BAC032	0.319	N/A	HT106H	HT301C	HT330K
BAC520	0.255	0.068	HT106D	HT301A	HT330K
BAC836A-59	0.255	0.068	HT106D	HT301A	HT330K

CONNECTOR P/N	CRIMP SIZE		CRIMP TOOL		
	FERRULE	CENTER COND.	ECONOMY	DELUXE	DELUXE KIT
BAC836B-87	0.213	0.068	HT106D	HT301A	HT330K
BAC042	0.319	N/A	HT106H	HT301C	HT330K
BAC02	0.213	N/A	HT106D	HT301A	HT330K
BAC02A	0.128	N/A	N/A	HT301J	HT330K
BAC03	0.213	0.042	N/A	HT301G	HT330K
BAC03A	0.128	0.042	N/A	HT301J	HT330K
BAC04	0.213	0.042	N/A	HT301G	HT330K
BAC05	0.213	0.042	N/A	HT301G	HT330K
BAC05A	0.128	0.042	N/A	HT301J	HT330K
BAC02-G	0.213	N/A	HT106D	HT301A	HT330K
BAC02A-G	0.128	N/A	N/A	HT301J	HT330K
BAC03-G	0.213	0.042	N/A	HT301G	HT330K
BAC03A-G	0.128	0.042	N/A	HT301J	HT330K
BAC06A	0.128	0.042	N/A	HT301J	HT330K
BAC8015	0.213	N/A	HT106D	HT301A	HT330K
BAC525	0.213	N/A	HT106D	HT301A	HT330K
BAC500	0.213	N/A	HT106D	HT301A	HT330K
BAC501	0.213	N/A	HT106D	HT301A	HT330K
BAC502	0.128	0.042	N/A	HT301J	HT330K
BAC503	0.137	N/A	N/A	HT301G	HT330K
BAC-CF559U	0.324	N/A	HT106H	HTS3162CT	N/A
BAC529	0.360	N/A	HT106H	HTS3162CT	N/A
BAC530	0.360	N/A	HT106H	HTS3162CT	N/A
BAC-EX6	Compression	N/A	N/A	HTS-EX	N/A
BAC-EX59	Compression	N/A	N/A	HTS-EX	N/A
BAC700-59	.262	N/A	HT106D	HT301A	HT330K

CONNECTOR P/N	FERRULE	CRIMP TOOL	CENTER COND.	CRIMP TOOL
BAC-UPL2000-D2B	0.255	HTS-CD3-21	0.042	HT010-0055
BAC-UPL2000-D8B	0.255	HTS-CD3-21	0.042	HT010-0055

CONNECTOR P/N	FERRULE	CRIMP TOOL	CENTER COND.	CRIMP TOOL
BAC-UPL220-025	0.255	HTS-CD3-11	0.042	HT010-0055
BAC-UPL220-026	0.178	HTS-CD3-11	0.042	HT010-0055



HT106D



HT301A



HT-CRIMP04



HT330K



HT-KT-01

Item #	Description	1-9	10-24	25-99	100+
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Economy Crimping Tools - Common Crimp Sizes for Connectors and Center Pins

These heavy-duty crimping tools are economically priced and easy to use. Leverage action produces an enormous force to properly crimp a perfect hex every time. An adjustable cam is added to keep the tool in full conformance with the required tolerance. Tools accept the most popular crimp connector types. HT106D hex sizes are .068", .213" and .255". HT106H hex sizes are .322" and .359".

HT106D	9" Lever Type Coaxial Crimp Tool (.068", .213", .255")	35.18	33.77	32.36	CALL
HT106H	9" Lever Type Coaxial Crimp Tool (.322", .359")	35.18	33.77	32.36	CALL

Deluxe Full Cycle Ratchet with Hex Crimping Tools

Your choice of seven similar crimp tools equipped with specific die sets to perform a wide variety of crimping functions to fit your needs.

HT301A	Deluxe Crimp Tool with .256", .213" and .068" Hex Die	37.25	35.76	34.27	CALL
HT301C	Deluxe Crimp Tool with .319", .256", .213" and .068" Hex Die	46.58	44.71	42.85	CALL
HT301G	Deluxe Crimp Tool with .255", .213", .137", .100", .069", .043" Hex Die	43.47	41.73	39.99	CALL
HT301J	Deluxe Crimp Tool with .178", .151", .128", .078", .068", .042" Hex Die	43.47	41.73	39.99	CALL
HT230A	Deluxe Crimp Tool with .255", .213", .187" and .068" Hex Die	41.40	39.74	38.08	CALL
HT-CRIMP02	Deluxe Crimp Tool with .028", .039", .047", .100", .128" and .151" Hex Die	28.96	27.80	26.64	CALL
HT-CRIMP03	Deluxe Crimp Tool with .100", .128" and .429" Hex Die	41.40	39.74	38.08	CALL
HT-CRIMP04	Deluxe Crimp Tool with .068", .213", .256" and .324" Hex Die	28.96	27.80	26.64	CALL
HT-CRIMP600	Deluxe Crimp Tool with .610" Hex Die	35.18	33.77	32.36	CALL

Deluxe Full Cycle Ratchet Crimp Tool Kit

Housed in rugged, high impact cases these handy deluxe ratchet crimp and strip tool kits can satisfy most coaxial crimping needs. These kits include ratchet tool, interchangeable dies, cable cutter and rotary cable stripper. See **L-com.com** for complete kit contents.

HT330K	Deluxe Crimp Tool Kit, for use with RG Type Cable	165.74	159.11	152.48	CALL
HT-KIT-01	Deluxe Crimp Tool Kit, for use with Low Loss and RG Type Cable	105.68	101.45	97.23	CALL

Item #	Description	1-9	10-24	25-99	100+
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Professional Grade Crimp and Compression Tools - for Professional Grade Type F Plugs

Two new ratchet action crimp tools are now offered. Sturdily constructed from high carbon steel ensures long life expectancy. Fully machined crimp cavities ensure accurate crimps every time.

HTS3162CT	Hex Crimp Tool .360" and .470" Sizes	77.95	74.83	71.71	CALL
HTS-EX	Compression Connector Crimp Tool	93.95	90.19	86.43	CALL

Easy Strip RG59/6 Coaxial Cable Stripper

A must for anyone working with coaxial cabling. This tool provides a precise industry standard 1/4" (0.6cm) cable prep for RG59 and 6 in seconds. Simply compress the jaw, place the cable into the strip insert, release then spin the tool 360° and you're ready to crimp.

HTS8700ES	CATV Stripper Tool for RG59/RG6	20.95	20.11	19.27	CALL
HTS8700RB	10 Replacement Cartridges for RG59/RG6	64.95	62.35	59.75	CALL

Type F Installation Kit - Toner, Crimper, Stripper and 40 Plugs for RG59 or RG6 Coaxial Cabling

We've assembled a kit for installers and technicians who want to terminate popular Type F coaxial cabling. Each kit includes 40 professional grade Type F plugs, a cable stripping tool, a connector crimping tool and a pocket toner. There are two kits to choose from, one for RG59 and one for RG6.

TCK59F	Type F Connector Installation Kit for RG59	115.01	110.41	105.81	CALL
TCK60F	Type F Connector Installation Kit for RG6	115.01	110.41	105.81	CALL

Rotary Coaxial Cable Strippers - Adjusted to Accurately Prepare Popular Coaxials

Time saving tools to quickly and accurately cut and trim the coaxial jacket, shield and inner insulation in one easy step. Compartment holds hex key to align sensitive socket and adjust blade cut for optimum results. Available in two or three blade configurations.

AT-STRIP-01	Coax Cable Stripper, 2-Blade for 100/174/200/240/316 Series	17.56	16.16	14.75	CALL
AT-STRIP-02	Coax Cable Stripper, 2-Blade for 100 Series, RG8/RG11/RG213/RG214	17.56	16.16	14.75	CALL
HT302B	Coax Cable Stripper, 2-Blade for RG58/RG59/RG62	17.56	16.86	16.16	CALL
HT3021	Set of 4 Replacement Blades for HT302	6.17	5.92	5.67	CALL
HT312A	Coax Cable Stripper, 3-Blade for RG59/RG62/RG6	23.78	22.83	21.88	CALL
HT312B	Coax Cable Stripper, 3-Blade for RG58/RG59/RG62	23.78	22.83	21.88	CALL
HT312S	Coax Cable Stripper, 3-Blade for RG213/RG11/RG8	23.78	22.83	21.88	CALL
HT312X	Coax Cable Stripper, 3-Blade for 3.5 to 5mm dia.	23.78	22.83	21.88	CALL
HT3121	Set of 4 Replacement Blades for HT312	6.17	5.92	5.67	CALL

Rotary Coaxial Cable Strippers for 400/600 Series

Quickly and accurately cut and trim the coaxial jacket, shield and inner insulation in two easy steps. Just insert the un-stripped end of the coax cable into the tool, spin clockwise 4 or 5 times, then insert into other end of tool, spin clockwise 4 or 5 times again and pull off the unwanted portion.

HT-STRIP400-1	Coax Cable Stripper for 400-Series Cable	64.19	61.62	59.06	CALL
HT-STRIP600-1	Coax Cable Stripper for 600-Series Cable	70.41	67.59	64.78	CALL
HT-STRIP-B1	Replacement Blades for HT-STRIP400-1/HT-STRIP600-1	9.27	8.90	8.53	CALL

USA Made Crimping Tool Accepts Dies for Coaxial or Modular Type Terminations

The HTS2100 crimp tool accepts a variety of dies that allow it to crimp modular or coaxial terminations. This top of the line tool is more compact than competitors' models allowing easier crimping ability for people with smaller hands. Molded grips and carbon steel frame is conservatively rated at 50,000+ crimps.

HTS2100	Crimp Tool Body, accepts any HTS2100 Die Set	70.95	68.11	65.27	CALL
HTS2100-51	RG58/RG59 Die Set, use for BNCs and TNCs, .068, .213 and .255 hex	41.95	40.27	38.59	CALL
HTS2100-53	RG58/RG59 Die Set, use for SMA's, .042 square, .213 and .255 hex	41.95	40.27	38.59	CALL
HTS2100-54	RG58/RG59 Plenum Die Set, use for Plenum BNCs, .042 square, .068, .190 & .213 hex	41.95	40.27	38.59	CALL
HTS2100-60	RG174 Die Set, use for BNCs and SMA's, .068 and .178 hex	41.95	40.27	38.59	CALL

Weatherproofing Tape

HT-TAPE01	3M® Self-Healing Weatherproofing Tape, 2" x 10' roll	25.85	24.82	23.78	CALL
HT-TAPE104	COAX-SEAL #104 Hand Moldable Plastic Weatherproofing Tape, 1/2" x 5' roll	4.09	3.93	3.77	CALL
HT-TAPE105	COAX-SEAL #105 Hand Moldable Plastic Weatherproofing Tape, (4) 1/2" x 12' rolls/box	38.29	36.76	35.22	CALL
HT-TAPE106	COAX-SEAL #106 Hand Moldable Plastic Weatherproofing Tape, (4) 1" x 12' rolls/box	50.72	48.69	46.66	CALL

Item #	Description	List Price
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Fluke Pocket Toner® NX1

Test for continuity and short circuits on coax cables in one easy step. Basic professional coaxial testing does not get any more compact and simple as PTNX1. The PTNX1 features lightweight aluminum construction, a standard AAA battery, and new dual buzzers that audibly indicate continuity at both ends of the test cable. Like all Pocket Toner® NX test tools, the PTNX1 is 100% low voltage protected so connecting it to live low voltage systems will not damage the tool. **As an authorized Fluke reseller, we can bid on RFQs for any Fluke part numbers. Contact us to request a non-obligatory quote.**

PTNX1	Fluke Pocket Toner NX1	34.19
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Fluke Pocket Toner® NX2

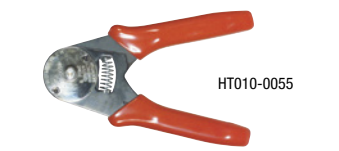
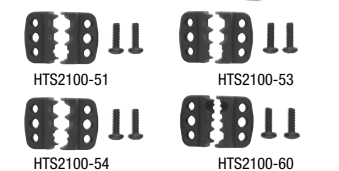
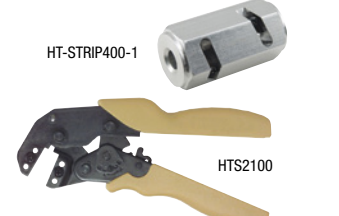
The individual PTNX2 is for the technician that works primarily with coaxial cable that wants a powerful but super-compact tool to fit in his or her pocket. In addition to testing for continuity and short circuits PTNX2 is packed with advanced features like indication of AC or DC voltage, 50-75 Ohm terminators and auto shut-off to conserve battery life. PTNX2 instantly displays all test results on an easy to read 8-segment LED display as well as giving audible feedback at both ends of the test cable. Like all Pocket Toner® NX test tools, the NX2 is 100% low voltage protected so connecting it to live low voltage systems will not damage the tool. **As an authorized Fluke reseller, we can bid on RFQs for any Fluke part numbers. Contact us to request a non-obligatory quote.**

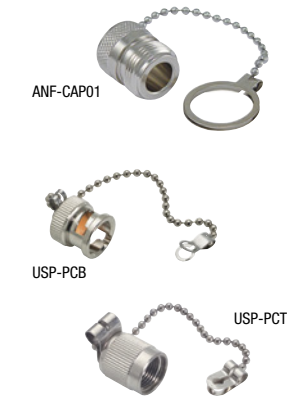
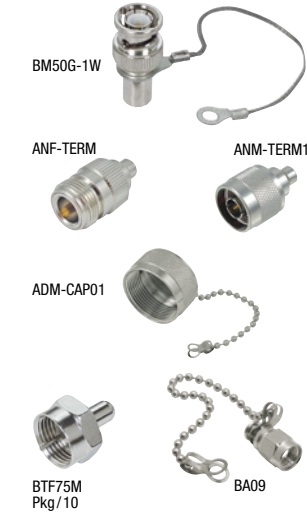
PTNX2	Fluke Pocket Toner NX2	44.56
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Professional Grade 8 Point Center Pin Crimp Tool

This professional grade tool makes pin crimping a breeze. Featuring a multipoint design which has proven to be one of the most reliable attachment methods. Designed for use with the BAC-UPL Series plugs.

HT010-0055	8 Point Center Pin Crimp Tool	208.00
HTS-CD3-11	734/735 Hex Crimp Die (.255", .178")	109.00
HTS-CD3-21	1505/1506 Hex Crimp Die (.255", .290")	155.00



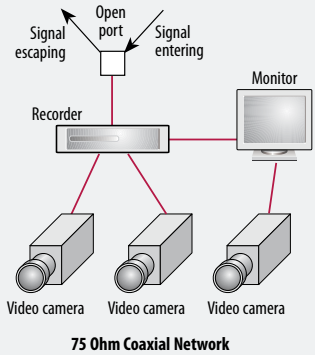
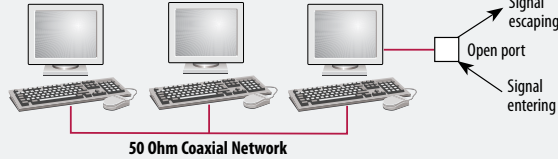


**Auto-Terminating Adapters
50 and 75 Ohm**



Tip Why use an auto terminating adapter?

In today's complex audio, video, data world coaxial cables are used to interconnect various devices. Many times a coaxial cable will not be connected to anything causing an open port which allows signals to escape. This can possibly interfere with an adjacent device and allow signals to enter the network as interference. The use of an auto terminating adapter eliminates this problem by automatically terminating the open port any time a connecting device is disconnected. This eliminates the need to attach a separate terminator which is often lost or forgotten.



Item #	Description	Color	1-9	10-24	25-99	100+
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SMA Coaxial Line Terminators - Match Impedances of the Unused Port or Cable End

BTS5F	SMA Terminator, Female, 50 Ohm	Green	8.49	8.15	7.81	CALL
BTS5M	SMA Terminator, Male, 50 Ohm	Green	8.49	8.15	7.81	CALL
ARSP-TERM	SMA Reverse Polarity Terminator, Male, 0-6 GHz (50 Ohm)		6.53	6.01	5.48	CALL

BNC Line Terminators - Fully Insulated, Select Impedance to Match Coaxial Cables

Terminators are generally used at the far end of the line. Resistance should match characteristic impedance of the coaxial line, so no reflections or standing waves are present when the signal enters. All terminators listed are rated at 0.5 watt. Fully insulated male versions include Black hood cover as shown. Color coded body to match resistance.

BIF5M	BNC Terminator, Male, use with RG58 (50 Ohm)	Green	6.04	5.56	5.07	CALL
BIF7M	BNC Terminator, Male, use with RG59 (75 Ohm)	Violet	5.54	5.10	4.66	CALL
BIF9M	BNC Terminator, Male, use with RG62 (93 Ohm)	White	6.04	5.56	5.07	CALL
BIF5F	BNC Terminator, Female, use with RG58 (50 Ohm)	Green	4.79	4.40	4.02	CALL
BIF7F	BNC Terminator, Female, use with RG59 (75 Ohm)	Violet	4.51	4.15	3.79	CALL

Deluxe BNC and Type N Terminators - Machined Metal Construction with Full Shielding

These deluxe terminators offer a machined body versus a plastic one. One model also available with grounding cable.

BTB5MD	BNC Terminator, Male, use with RG58 (50 Ohm)		6.04	5.80	5.56	CALL
BTB5FD	BNC Terminator, Female, use with RG58 (50 Ohm)		6.04	5.80	5.56	CALL
BTB7MD	BNC Terminator, Male, use with RG59 (75 Ohm)		5.65	5.20	4.74	CALL
BTB7FD	BNC Terminator, Female, use with RG59 (75 Ohm)		5.65	5.20	4.74	CALL
BTB9MD	BNC Terminator, Male, use with RG62 (93 Ohm)		6.04	5.80	5.56	CALL
BM50G-1W	BNC Terminator, Male with Ground Cable (50 Ohm)		7.24	6.66	6.08	CALL
ANF-TERM	Type N Terminator, Female, 0-6 GHz (50 Ohm)		9.96	9.16	8.36	CALL
ANM-TERM1	Type N Terminator, Male, 0-6 GHz (50 Ohm)		9.96	9.16	8.36	CALL

Type F 75 Ohm Terminators - Simple Design Minimizes RF Reflections

Also known as dummy loads, terminators are an essential component in the proper termination of unused outputs of line splitters and amplifiers. Sold in packages of 10.

BTF75M	Type F 75 Ohm Terminator, Pkg/10		5.39	4.96	4.53	CALL
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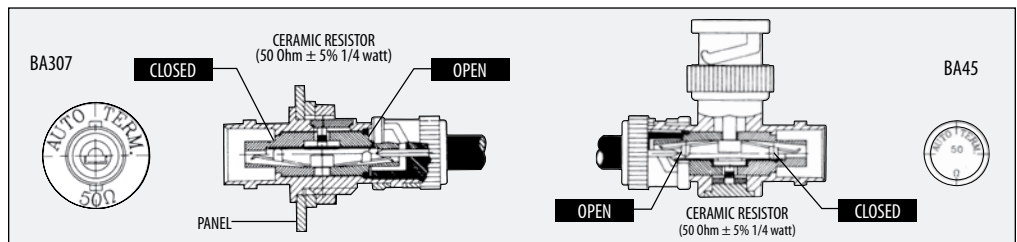
Deluxe Chained Protective Caps

ADM-CAP01	Protective Cap for 7/16 DIN Female, with Chain		10.83	9.96	9.09	CALL
ANM-CAP01	Protective Cap for Type N/UHF Female, with Chain		6.20	5.71	5.21	CALL
ANF-CAP01	Protective Cap for Type N/UHF Male, with Chain		6.31	5.81	5.30	CALL
ASF-CAP01	Protective Cap for SMA Male, with Chain		6.20	5.71	5.21	CALL
BA09	Protective Cap for SMA Female, with Chain		6.31	5.81	5.30	CALL
USP-PCB	Protective Cap for BNC Female, with Chain		3.70	3.55	3.40	CALL
USP-PCT	Protective Cap for TNC Female, with Chain		3.70	3.55	3.40	CALL

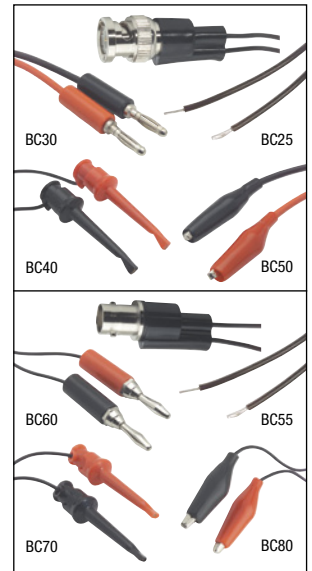
Auto-Terminating Bulkhead or T Adapter - Does Not Need Terminator on Open End

Any rack panel with half inch diameter D-holes will accept either the BA307 or BA307-75 BNC auto-terminating bulkhead adapters. They save the cost and nuisance of using separate terminators. Also available are the BA45 and BA45-75 (F-M-F) T adapters, equipped with internal 50 or 75 Ohm auto-terminators.

BA307	BNC Auto-Terminating (F-F) Bulkhead Adapter, 50 Ohm		8.60	8.08	7.56	CALL
BA307-75	BNC Auto-Terminating (F-F) Bulkhead Adapter, 75 Ohm		7.93	7.29	6.66	CALL
BA45	BNC Auto-Terminating (F-M-F) T Adapter, 50 Ohm		10.55	9.92	9.29	CALL
BA45-75	BNC Auto-Terminating (F-M-F) T Adapter, 75 Ohm		9.79	9.01	8.23	CALL



Item #	Description	1-9	10-24	25-99	100+
BNC Test Leads and Adapters - Your Most Useful Laboratory Accessory Items					
Here's an opportunity to purchase quality test lead and adapter accessories for your lab. For use primarily with BNC connectors and dual banana plugs which are the most popular in the lab.					
BC25	Test Cable, BNC Male/6" (15.2cm) Leads with Tinned Ends	3.73	3.43	3.13	CALL
BC30	Test Cable, BNC Male/6" (15.2cm) Leads with Banana Plugs	5.88	5.41	4.94	CALL
BC40	Test Cable, BNC Male/6" (15.2cm) Leads with Test Clips	6.15	5.66	5.16	CALL
BC50	Test Cable, BNC Male/6" (15.2cm) Leads with Alligator Clips	5.44	5.00	4.57	CALL
BC55	Test Cable, BNC Female/6" (15.2cm) Leads with Tinned Ends	4.03	3.70	3.38	CALL
BC60	Test Cable, BNC Female/6" (15.2cm) Leads with Banana Plugs	5.93	5.46	4.98	CALL
BC70	Test Cable, BNC Female/6" (15.2cm) Leads with Test Clips	6.15	5.66	5.16	CALL
BC80	Test Cable, BNC Female/6" (15.2cm) Leads with Alligator Clips	6.15	5.66	5.16	CALL
BC2710	Test Adapter, BNC Female/Dual Banana Plugs	6.31	5.81	5.30	CALL
BC2720	Test Adapter, BNC Male/Dual Binding Posts	6.96	6.41	5.85	CALL
BC2730	Test Adapter, BNC Female/Dual Binding Posts	6.96	6.41	5.85	CALL



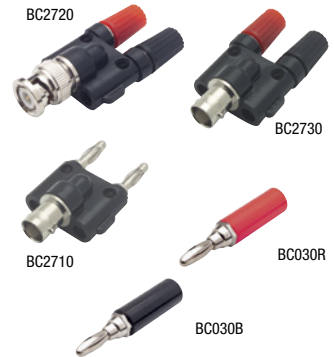
Solder Cup Banana Plugs - Black or Red, Accepts up to 16 AWG Wires

BC030B	Solder Type Banana Plug, Black	1.64	1.51	1.38	CALL
BC030R	Solder Type Banana Plug, Red	1.63	1.50	1.37	CALL

Coaxial Test Cables - With BNC and Dual Banana Plugs, Choice of Lengths

These test cables use the most popular 50 Ohm RG58C coaxial cable. Choice of two series as shown.

BCC58C-1	Test Cable, BNC Male/Dual Banana, 1.0ft (0.3m)	16.84	16.16	15.49	CALL
BCC58C-2	Test Cable, BNC Male/Dual Banana, 2.0ft (0.6m)	17.72	17.01	16.30	CALL
BCC58C-3	Test Cable, BNC Male/Dual Banana, 3.0ft (0.9m)	18.60	17.86	17.11	CALL
BCC58C-4	Test Cable, BNC Male/Dual Banana, 4.0ft (1.2m)	19.48	18.70	17.92	CALL
BCC58C-5	Test Cable, BNC Male/Dual Banana, 5.0ft (1.5m)	20.31	19.50	18.68	CALL
BCB58C-1	Test Cable, Dual Banana/Dual Banana, 1.0ft (0.3m)	16.84	16.16	15.49	CALL
BCB58C-2	Test Cable, Dual Banana/Dual Banana, 2.0ft (0.6m)	17.72	17.01	16.30	CALL
BCB58C-3	Test Cable, Dual Banana/Dual Banana, 3.0ft (0.9m)	18.60	17.86	17.11	CALL
BCB58C-4	Test Cable, Dual Banana/Dual Banana, 4.0ft (1.2m)	19.48	18.70	17.92	CALL
BCB58C-5	Test Cable, Dual Banana/Dual Banana, 5.0ft (1.5m)	20.31	19.50	18.68	CALL



Dual Banana Plug - Easy Connection to Coaxial Cable or Discrete Wires

This dual banana plug allows easy connection to coaxial cable with an outer diameter of .220 in. (0.6cm) or less. Screw terminals allow termination without soldering. Gold plated.

BP125209	Dual Banana Plug for Coax or Wires	3.64	3.43	3.21	CALL
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BNC/Banana/Binding Post Adapter Kit - What You Need to Mate Any Test Cable

This kit contains 1 each BNC female and BNC male to dual binding posts, BNC female to dual banana plugs and a pair of BNC gender changers M-M and F-F. Provided in a 7 compartment plastic box (2 spares). Assortment price represents a cost savings over the purchase of individual units. Save even more when purchased in multiple lots.

BC2700K	5 Piece BNC/Dual Banana Adapter Kit	24.86	22.87	20.88	CALL
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Tip *What are the differences between various laboratory test leads?*

The common feature of test leads used in a laboratory environment is ease of connection and disconnection since most attachments are temporary in nature and are often being changed. Below is a list of some of the most common test leads found in a lab.



Banana Plugs
A high-quality plug and socket for speaker cable. The banana plug is pushed into the socket, the spring-like protrusions on the prong make a snug fit.



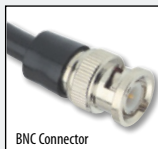
Alligator Clips
A spring-loaded clip with serrated jaws, often used to make temporary electrical connections.



Test Clips
Used in many probing applications, test clips can be quickly attached to bare wires or other conducting features.



Binding Posts
Typically used in an audio application, it features a threaded collar for gripping bare wires.



BNC Connector
A commonly used coaxial interface for audio, video and networking applications that provides a secure connection. Coupling is achieved utilizing mating post on the jack and a spring loaded coupling nut on the plug. A simple quarter turn of the coupling nut completes the mating process.





CA4NMLPNF

CA4NMLPNM

CA4NFLPNF

CA4NFLPNM

Item #	Description	1-9	10-24	25-99	100+
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Lightning Protected 400-Series 50 Ohm Coax Cable Assemblies

L-com's lightning protected 400-series cable assemblies feature an in-line gas discharge tube lightning protector attached directly to the cable. This not only reduces the cost since a connector is eliminated, but helps reduce return loss and insertion loss. These cable assemblies feature L-com's CA-400 high performance low loss coaxial cable. Attached directly to the cable is L-com's AL6-NF-14-9 or AL6-NM-14-9 5.8 GHz gas discharge coaxial lightning protector. Along with the standard lengths and connectors, custom lengths and connectors are also available. Contact L-com sales for more information.

400-Series 50 Ohm Type N Male to Type N Female Bulkhead Lightning Protector Cable Assemblies

CA4NMLPNF002	400-Series Cable, Type N Male/Type N Female Bulkhead Lightning Protector, 2.0ft (0.6m)	49.56	44.60	39.65	CALL
CA4NMLPNF004	400-Series Cable, Type N Male/Type N Female Bulkhead Lightning Protector, 4.0ft (1.2m)	50.65	45.58	40.52	CALL
CA4NMLPNF010	400-Series Cable, Type N Male/Type N Female Bulkhead Lightning Protector, 10.0ft (3.0m)	55.50	49.95	44.40	CALL
CA4NMLPNF020	400-Series Cable, Type N Male/Type N Female Bulkhead Lightning Protector, 20.0ft (6.1m)	63.58	57.22	50.86	CALL

400-Series 50 Ohm Type N Male to Type N Male Lightning Protector Cable Assemblies

CA4NMLPNM002	400-Series Cable, Type N Male/Type N Male Lightning Protector, 2.0ft (0.6m)	49.03	44.13	39.23	CALL
CA4NMLPNM004	400-Series Cable, Type N Male/Type N Male Lightning Protector, 4.0ft (1.2m)	50.65	45.58	40.52	CALL
CA4NMLPNM010	400-Series Cable, Type N Male/Type N Male Lightning Protector, 10.0ft (3.0m)	55.50	49.95	44.40	CALL
CA4NMLPNM020	400-Series Cable, Type N Male/Type N Male Lightning Protector, 20.0ft (6.1m)	63.58	57.22	50.86	CALL

400-Series 50 Ohm Type N Female to Type N Female Bulkhead Lightning Protector Cable Assemblies

CA4NFLPNF002	400-Series Cable, Type N Female/Type N Female Bulkhead Lightning Protector, 2.0ft (0.6m)	49.03	44.13	39.23	CALL
CA4NFLPNF004	400-Series Cable, Type N Female/Type N Female Bulkhead Lightning Protector, 4.0ft (1.2m)	50.65	45.58	40.52	CALL
CA4NFLPNF010	400-Series Cable, Type N Female/Type N Female Bulkhead Lightning Protector, 10.0ft (3.0m)	55.50	49.95	44.40	CALL
CA4NFLPNF020	400-Series Cable, Type N Female/Type N Female Bulkhead Lightning Protector, 20.0ft (6.1m)	63.58	57.22	50.86	CALL

400-Series 50 Ohm Type N Female to Type N Male Lightning Protector Cable Assemblies

CA4NFLPNM002	400-Series Cable, Type N Female/Type N Male Lightning Protector, 2.0ft (0.6m)	49.03	44.13	39.23	CALL
CA4NFLPNM004	400-Series Cable, Type N Female/Type N Male Lightning Protector, 4.0ft (1.2m)	50.65	45.58	40.52	CALL
CA4NFLPNM010	400-Series Cable, Type N Female/Type N Male Lightning Protector, 10.0ft (3.0m)	55.50	49.95	44.40	CALL
CA4NFLPNM020	400-Series Cable, Type N Female/Type N Male Lightning Protector, 20.0ft (6.1m)	63.58	57.22	50.86	CALL

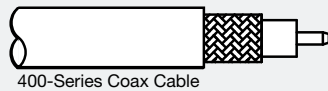
0-6 GHz In-line Crimp Type Coaxial Protectors

L-com's crimp type coaxial protectors are designed to be attached directly onto a 400-series Low Loss coax cable via the solderless crimp end of the protector. This helps improve insertion loss since a cable connector is eliminated. They feature a replaceable gas tube element, multi-strike capability and fast response time.

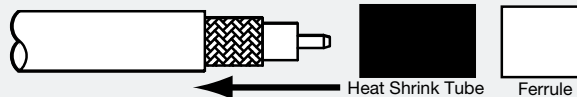
AL6-NF-14-9	Type N Female Bulkhead to Crimp End, 90V	36.59	33.66	30.73	CALL
AL6-NM-14-9	Type N Male to Crimp End, 90V	36.59	33.66	30.73	CALL

How to Install L-com's Crimp Type Coax Lightning Protector

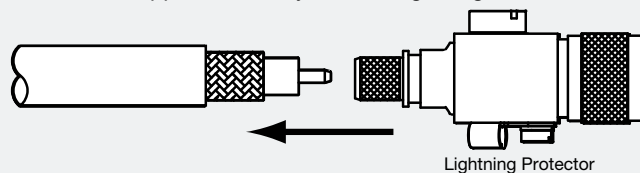
- Strip unterminated end of 400-Series cable (see drawing on web site for dimensions)



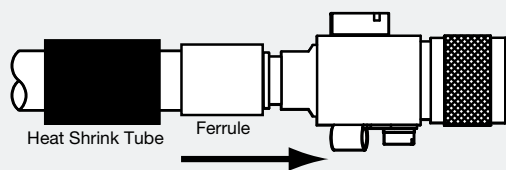
- Slide supplied heat shrink tube followed by the Ferrule onto the cable



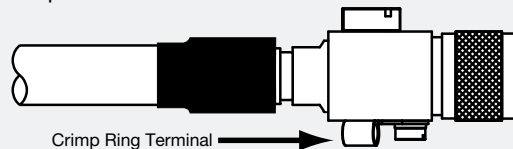
- Insert the stripped cable fully into the Lightning Protector



- Slide Ferrule into place and crimp (see drawing on web site for dimensions), then slide heat shrink into place and apply heat



- Attach ground wire to Crimp Ring Terminal on protector

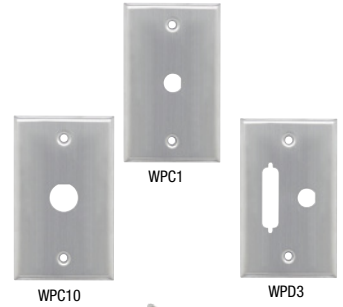


Item #	Description	1-9	10-24	25-99	100+
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Stainless Steel Wall Plates - Unbreakable and Offer An Enhanced Appearance

Wall plates that accept a variety of termination devices are found to be useful by many installers. Wall plates also provide a more organized accommodation to your day-to-day cabling needs. Furthermore, stainless steel gives a commercial appearance that is sometimes more acceptable in today's business office environment. The variety we offer fills most installation needs.

WPC1	Stainless Wall Plate, One 0.5" (1.3cm) dia. D-hole	2.23	2.09	1.96	CALL
WPC10	Stainless Wall Plate, One 0.75" (1.9cm) dia. D-hole	3.06	2.81	2.57	CALL
WPD3	Stainless Wall Plate, One DB25 Opening and One 0.5" (1.3cm) dia. D-hole	3.51	3.30	3.09	CALL



Panel Mount Receptacle Connectors

These series of connectors are intended for panel mounting with discrete receptacle terminations. Offered in BNC, RCA, SMA and Type N interfaces with various mounting configurations.

BAC1501	BNC Male Bulkhead	3.64	3.43	3.21	CALL
BAC1503	BNC Female Bulkhead	3.64	3.43	3.21	CALL
BAC930	BNC Female Bulkhead	7.24	6.80	6.37	CALL
BAC440	RCA Female Insulated Bulkhead	4.79	4.50	4.21	CALL
BAC260	BNC Female, 4 Hole Flange	3.64	3.43	3.21	CALL
ANF-4000	Type N Female, 4 Hole Flange	4.52	4.15	3.79	CALL
BAC70A	BNC Female Bulkhead	3.64	3.43	3.21	CALL
BAC16	SMA Female Bulkhead	6.04	5.68	5.31	CALL



T1 Communication Systems - A Brief Primer

The T1 line is the most widely used switched digital communication circuit used in America today. T1s are used for connecting phone and computer networks to public switched network infrastructures. Each T1 is equivalent to 24 64Kbps communication channels. Each channel utilizes two 100 Ohm shielded twisted pairs; one for transmit (TX) and one for receive (RX). Some T1 equipment uses two 75 Ohm coaxial connections for the TX and RX channels. Baluns are used to bridge the gap between 75 Ohm coaxial and 100 Ohm twisted pair.

Note: An E1 circuit is the European equivalent of the American T1. The infrastructure uses 120 Ohm shielded twisted pairs so 75/120 baluns would be used in European applications.

T1 - E1 Differences

	NAME	#64Kbps CHANNELS	TWISTED PAIR TYPE	COAXIAL TYPE
USA Standard	T1	24	2 100 Ohms Shielded Twisted Pair (RJ45s Typical)	75 Ohms (BNC Typical)
European Standard	E1	32	2 120 Ohms Shielded Twisted Pair (RJ45s Typical)	75 Ohms (BNC, 1.6/5.6 Typical)

**ACK SERIES
KRONE IDC TYPE**



Terminate wires with punch down tool

Item #	Description	List Price
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75 to 120 Ohm Transmission Baluns for Telecommunication Applications

75/120 Ohm impedance matching baluns allow users to use inexpensive shielded twisted pair cabling in place of expensive coaxial cabling. They are especially useful in telecommunication applications for patching at the distribution frame. Units meet CCITT Recommendation G703 and are great for American or European applications. Choose from multiple coaxial connector types as well as Krone IDC or compression IDC termination styles.

ACK2010	75 to 120 Ohm Balun, 1.6/5.6 Plug (Screw Type)/Krone IDC	22.30
ACK3010	75 to 120 Ohm Balun, 1.6/5.6 Jack/Krone IDC	33.18
ACK8010	75 to 120 Ohm Balun, BNC Plug/Krone IDC	31.82
ACK9010	75 to 120 Ohm Balun, BNC Bulkhead Jack/Krone IDC	31.82
ACC8060	75 to 120 Ohm Balun, BNC Plug/Compression IDC	37.61

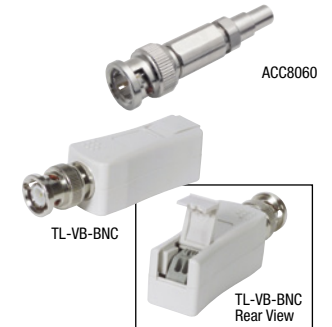


Item #	Description	1-9	10-24	25-99	100+
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Tool-less CCTV Video Balun

The TL-VB-BNC is perfect for on the spot field installations or repairs. The tool-less design makes termination easy and fast. Supports full color video up to 2,200 feet over Cat5 cabling.

TL-VB-BNC	Tool-less CCTV Video Balun, BNC Male	14.77	14.47	14.18	CALL
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Tip What is a balun?

The term balun (pronounced "bal-un") is derived from the function of the passive device that converts between a BALanced and UNbalanced electrical signal. Common types of baluns convert 100 Ohm twisted pair (balanced) to 75 Ohm coaxial (unbalanced).