Connectivity Solutions

Complete or Partial Part #, Competitor Part # or Keywords.

Wireless | CATV | Audio & Video | Networking & Structured Wiring | Military & Aerospace | Test & Measurement

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Product Detail

Product Line:	Aim (Click for customer service)
Part Number:	27-9010
Description:	2PC CRIMP DUAL RG-58,59,59
Product Family:	F
Connector A:	BNC
For Cables:	RG58,RG59,RG59 TEF
Genders:	Male
Ohm:	50
Standard Pack:	10
RoHS Compliant:	Yes

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We have been offering a complete line of quality RF connectors for over 25 years. Available in 50 and 75 ohm versions, these connectors are designed to offer the highest quality data transmission for audio, video and data applications, and are available in BNC, 'N' UHF, Mini-UHF, TNC, SMA and 'F' versions. If you are looking for preassembled RF cables, our custom cable department offers the capability to build any assembled or molded cable to your custom length or configuration using any of these connectors and more.

75 Ohm BNC Connectors

Electrical Characteristics

Impedance	75 Ohm
Working voltage	500 volts, RMS at sea level
Frequency range	0-2 GHz with low reflection
Contact resistance	Outer-0.2 milliohms
	Center-2.1 milliohms
(.000050 gold)	
Insulation resistance	5,000 megohms minimum
Dielectric withstanding voltage	1,500 volts, RMS at sea level
Corona Level	375 volts minimum at 70,000 ft.

Environmental Characteristics

Recommended temperature range	-55 C to +85 C
Vibration	MIL-Std. 202
Shock	MIL-Std. 202, 100Gs
Moisture resistance	MIL-Std. 202

Mechanical Characteristics

Durability	500 Cycles (.000050 gold)
Force to engage/disengage	3 lbs. maximum
Coupling nut retention	60 lbs. maximum
Cable retention	60 lbs. with 95% braid coverage - RG58c/u cable

Materials

Body	Zinc
Contact	Brass
Spring washer	Berilium copper
Insulator	Teflon
Plating	Body - Nickel
	Contact - Gold

Crimp-On 75 Ohm 3-Piece BNC Connectors

Crimp BNC (M)
3 Piece

Part No.	Compatible Cable	Crimper	Stripper
28-91007 (CPMC782)	Belden 1505A, RG-59, RG-62	24-9959P	24-7732P
28-91027 (CPMC785)	Belden RG-6	24-8856P	24-7733P
28-91037 (CPMC7810)	Belden 1506A, RG-59TFE & RG-62TFE	24-9958P	24-7733P
28-91047 (CPMC783)	Belden 8281, 9141, 9231	24-8859P	24-7733P
28-91057 (CPMC7818)	Belden 8218, 1855A, 735A	24-9912P	24-7734P
28-91457	Belden 9248, 1694A	24-8856P	24-7733P
28-91477	Belden 8221, 8241, 8263, 8279, 9244	24-8789P	24-7736P
28-91507	Belden 82259, 89259	24-8789P	24-7736P
CPMC7820	RG-179, RG-187	24-9912P	24-7733P

Solder or Crimp BNC (M)
3 Piece

Part No.	Cable Type	Tool No.
28-90237	RG-59 & 62	24-8789P
28-90257	RG-59 & 62TFE	24-9958P

(M) = Male Plug (F) = Female Socket

2-Piece Crimp-On 50 Ohm BNC Connectors

Crimp BNC (M)
2 Piece, Solderless

Part No.	Cable Type	Tool No.
27-9000 (CP882)	RG-59, 62	24-9859P
27-9001 (CP881)	RG-58	24-9858P
27-9002 (CP885)	RG-6	24-321P
27-9006	Belden 8281	24-8866P
27-9009 (CP8810)	RG-59, 62TFE	24-9858P
27-9200	RG-58AU	24-9858P
27-9204	RG-58TFE	24-9858P
27-9207	RG-58 Thin Net	24-9858P
27-9209	RG-6TFE	24-9858P
27-9210 (CP884)	RG-59, 62 MATV (20-24 AWG)	24-9859P

Crimp BNC (F)
2 Piece, UG-89

Part No.	Cable Type	Tool No.
27-9003 (CP892)	RG-59 & 62	24-9859P
27-9013	RG-6	24-9859P
27-9014 (CP891)	RG-58	24-9858P
27-9015	RG-59 & 62TFE	24-9858P

Crimp BNC (M) with (2) Ferrules,
*2 Piece. One Connector Two **Ferrules** to fit Multiple Size Cables.*

Part No.	Cable Type	Tool No.
27-9010	RG-58, 59 & 59TFE	24-9960P
27-9012	RG-58 & 58TFE	24-9960P

Right Angle, Crimp BNC (M)
2 Piece, Solderless

Part No.	Cable Type	Tool No.
27-9004	RG-59 & 62	24-9859P

3-Piece Crimp-On 50 Ohm BNC Connectors

Solder or Crimp BNC (M)
3 Piece

Part No.	Cable Type	Tool No.
27-9022	RG-58	24-9858P
27-9023	RG-59 & 62	24-8789P

Crimp BNC (M) with (2) Ferrules
*3 Piece. One Connector Two **Ferrules** to fit Multiple Size Cables.*

Part No.	Cable Type	Tool No.
27-9189 (CPMC8821)	RG-59 & 59TFE	24-8860P
27-9190 (CPMC8822)	RG-58 & 59	24-8860P
27-9191 (CPMC8823)	RG-58 & 58TFE	24-8860P

Crimp BNC (M)
3 Piece, Commercial-Mil

Part No.	Cable Type	Tool No.
27-9100 (CPMC882)	RG-59 & 62, 140, 210	24-9959P
27-9101 (CPMC881)	RG-58, 141	24-9958P
27-9102 (CPMC885)	RG-6	24-8856P
27-9103 (CPMC8810)	RG-59 & 62 Teflon	24-9958P
27-9104 (CPMC883)	Belden 8281	24-8861P
27-9105 (CPMC8819)	RG-174, 187, 188 & 316	24-9912P
27-9108 (CPMC8817)	RG-8x Mini 8	24-9912P
27-9119	Belden 89907	24-9959P
27-9201	RG-58 AU	24-9958P
27-9205 (CPMC8811)	RG-58 Teflon	24-9958P
27-9208	RG-58 Thin Net, Belden 9907	24-9958P
27-9235	RG-122	24-9912P
27-9236 (CPMC813)	RG-142, 400, 223	24-9958P
27-9241	RG-179	24-9912P
27-9254 (CPMC8818)	Belden 8218	24-9912P
27-9293 (CPMC8826)	RG-11	24-7712P

6-Piece Screw-On 50 Ohm BNC Connectors

Screw-On BNC (M)
Solder, 6 Piece

Part No.	Cable Type
27-9020	RG-59, 62 (UG-260U)
27-9021	RG-58 (UG-88U)

(M) = Male Plug (F) = Female Socket