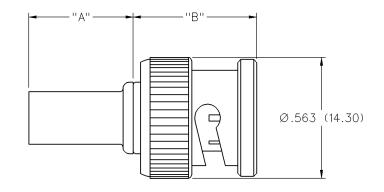
BNC 50 Ohm Straight Crimp Type Plug -Solder or Crimp Contact - 3 Piece

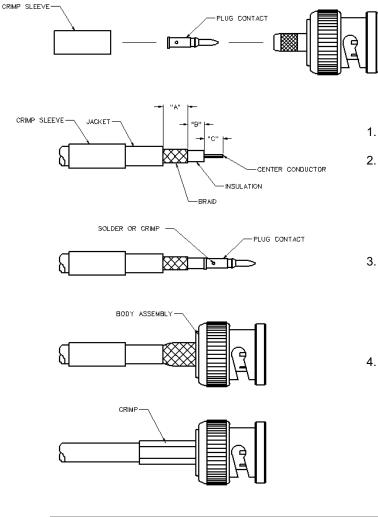


CUSTOMER DRAWINGS AVAILABLE UPON REQUEST





PART NUMBER	CABLE TYPE	"A"	"B"	CONTACT I.D.	BODY I.D.	FERRULE I.D.
CPMC-88-1	RG-58, 141	.520 (13.20)	.595 (15.11)	.044 (1.12)	.126 (3.20)	.206 (5.23)



1. Identify connector parts. (3 piece parts)

PLUG

- Strip cable to dimensions shown. Do not nick braid or center conductor. Tin center conductor if contact will be solder attached. Do not tin center conductor if contact is to be crimp attached. A wire stripper of correct size is recommended for this step. Slide heat shrink (as applicable) and crimp sleeve onto jacket of cable.
- 3. Assemble contact onto cable as shown.

Solder Attachment: Solder contact to center conductor through hole using a minimum amount of solder for a good joint.

Crimp Attachment (where applicable): Crimp contact to center conductor using recommended crimp hex.

4. Flare braid and slide body assembly over contact and under braid. Then seat body assembly firmly onto contact. The cable may have to be held in a clamping fixture. Arrange braid uniformly around crimp stem. Slide crimp sleeve forward and crimp using recommended crimp hex. Slide heat shrink forward and shrink (as applicable).

		Strip Dimensions			Crimp	Contact	Recommended
Part Number	Cable	"A"	"B"	"C"	Sleeve Hex	Crimp Hex	Crimp Hex
CPMC-88-1	RG-58	.315 (8.00)	.098 (2.50)	.157 (4.00)	.213 (5.41)	.060 (1.52)	24-304P

BNC Connectors

Specifications



The BNC series connector is a commercial quality product that intermates with all standard double bayonet stud BNC designs. All contacts are captivated for ruggedness. The 50 ohm and 75 ohm interfaces are intermateable and provide quick, reliable connections for instrumentation, medical and LAN applications.

Specifications*

50 Ohm BNC **Electrical Characteristics** Impedance: 50 Ohm nominal Frequency range: 0-4 GHz Working voltage: 500 volts RMS at sea level Dielectric withstanding voltage: 1500 volts RMS at sea level Corona level: 375 volts minimum at 70,000 feet Contact resistance: Outer - 0.2 milliohms maximum Center - 2.1 milliohms maximum Insulation resistance: 5000 megohms minimum **Environmental Characteristics** Recommended temperature range: -55°C to +85°C Moisture resistance: MIL-STD-202 **Mechanical Characteristics** Durability: 500 cycles Force to engage/disengage: 3 lbs. maximum Cable retention: 20 lbs., RG-58 C/U cable Materials Body: Zinc or brass Contact: Brass, beryllium copper or phosphor bronze Spring Washer: Beryllium copper Crimp sleeve: Brass Insulator: Delrin® or TPX Polymethylpentene Plating: Body - Nickel (except where noted) Crimp sleeve - Nickel Contact - Gold

* These values are typical and may not apply to all connectors.