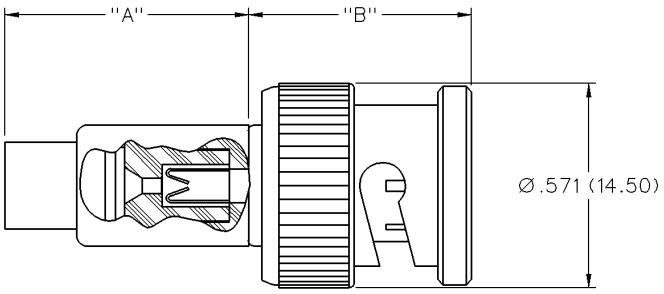
50 Ohm BNC Straight Crimp Type Plug - Push-On Body - 2 Piece

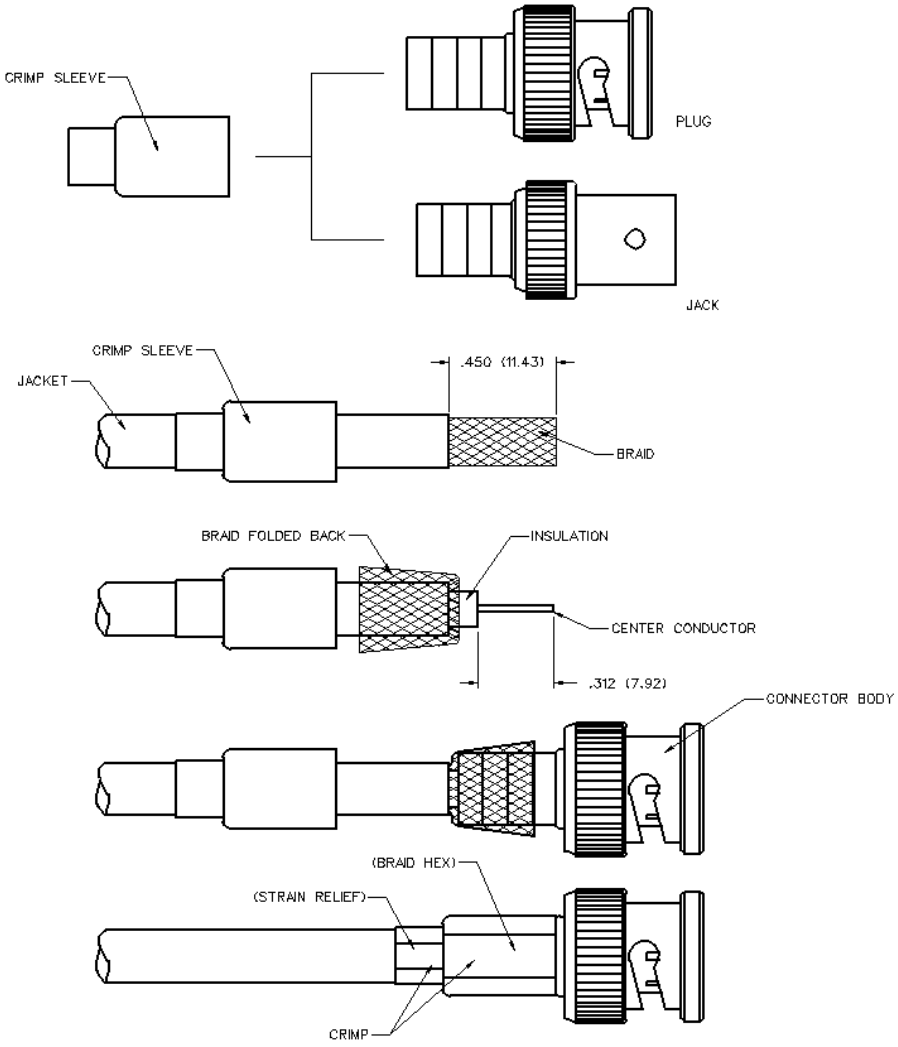
CAMBRIDGE PRODUCTS

INCHES (MILLIMETERS)
CUSTOMER DRAWINGS AVAILABLE UPON REQUEST





PART NUMBER	CABLE TYPE	CABLE CENTER CONDUCTOR	"A"	"B"	WIRE GAUGE	WIRE DECIMAL	JACKET O.D.
CP-88-10	RG-59 PLENUM, 62 PLENUM	SOLID	.680 (17.27)	.605 (15.37)	22-18	.025 (.064)-.043 (1.09)	.195 (4.95)-.210 (5.33)



1. Identify connector parts. (2 piece parts)
2. Slide crimp sleeve over cable and strip cable jacket to dimension shown. Do not nick braid or center conductor during strip operations.
3. Flair braid and fold back. Strip cable insulation to dimension shown. Do not nick center conductor.
4. Insert center conductor into the guide hole found in the rear of the connector body. Push or twist the body onto the center conductor until the cable insulation butts up to the body.
5. Arrange braid uniformly around crimp stem. Slide crimp sleeve over braid and crimp securely using recommended crimp tool.

Part Number	Cable	Crimp (Braid Hex)	Crimp (Strain (Relief)	Recommended Crimp Tool
CP-88-10	RG-59 PLENUM, 62	.320 (8.13)	.211 (5.36)	24-300P

BNC Connectors

Specifications

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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^{O}C to +85^{O}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.

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Cinch:

415-0536-012 8-141 DEUH-9P 40-9715HM 145-0701-821 415-0030-MM150 C0909A18-11PN-106 DD2466134 30-9516 415-0028-048 135-3402-001 147-0701-832 40-98443N-C 415-0043-MM250 CN0967C10A20P6-040 CN1021A14G03P8-040 131-3701-306 M24308/4-5F M49142/03-0005 147-0701-241 CJ70-7 ATT-0263-04-SMA-02 30-9506-88 108-0913-001 111-0102-001 12-141 142-0403-011 145-0693-002 21-14-M5.0 415-0203-024