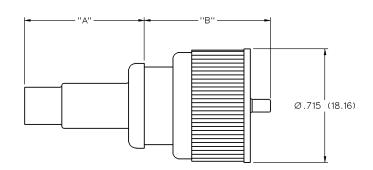


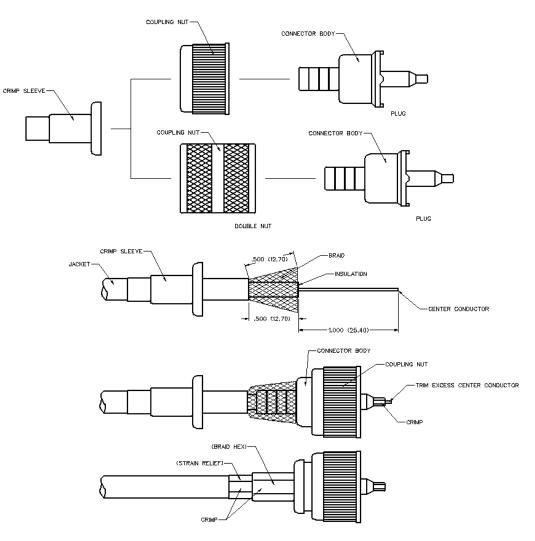
INCHES (MILLIMETERS) CUSTOMER DRAWINGS AVAILABLE UPON REQUEST

UHF Straight Crimp Type Plug -Crimp Contact





PART NUMBER	CABLE TYPE	"A"	"B"	WIRE GAUGE	WIRE DECIMAL	JACKET O.D.
CPL-259-17	RG-8X (MINI 8)	.696 (17.68)	.710 (18.03)	16	.0504 (1.28)	(5.59)250 (6.35)



- 1. Identify connector parts. (3 piece parts) Except CPL-259-10 (1 Piece)
- 2. Slide crimp sleeve over cable and strip cable to dimensions shown. Do not nick center conductor during strip operations. (CPL-259-10: trim braid and insulation to .300 (7.62).
- 3. Slide coupling nut onto the connector body. Then slide the connector body over cable so that the center conductor extends through the front of the contact. Crimp the contact as shown. Trim away the center conductor extending past the contact. (CPL-259-10: fold braid onto jacket before sliding connector body onto cable.)
- 4. Arrange braid uniformly around crimp stem. Slide crimp sleeve over braid and crimp securely using recommended crimp tool.

Part	Cable	Wire	Wire	Jacket	Crimp	Crimp	Contact	Recommended
Number		Gauge	Decimal	O.D.	(Braid Hex)	(Strain Relief)	Crimp Hex	Crimp Tool
CPL-259-17	RG-8X	16	.0504	.220 (5.59)250 (6.35)	.255 (6.48)	none	None	24-307

UHF Connectors

Specificaitons



The UHF connectors are low cost, general purpose units designed for low frequency system applications. These commercial quality connectors are equipped with threaded coupling interfaces for secure and reliable connections. The Standard UHF and Mini UHF connectors are not intermateable.

STANDARD UHF

Electrical Characteristics Impedance: Nonconstant Frequency range: 0-500 MHz Working voltage: 500 volts RMS at sea level Dielectric withstanding voltage: 1500 volts RMS at sea level Insulation resistance: 5000 megohms minimum

Environmental Characteristics

Recommended temperature range: -55°C to +85°C

Mechanical Characteristics

Durability: 500 cycles Cable retention: 20 lbs., RG-58 C/U cable

Materials

Body and coupling nut: Zinc or brass Contact: Beryllium copper or brass Crimp Sleeve: Brass Insulator: Delrin® Plating: Body - Nickel Crimp sleeve - Nickel Contact - Gold or nickel