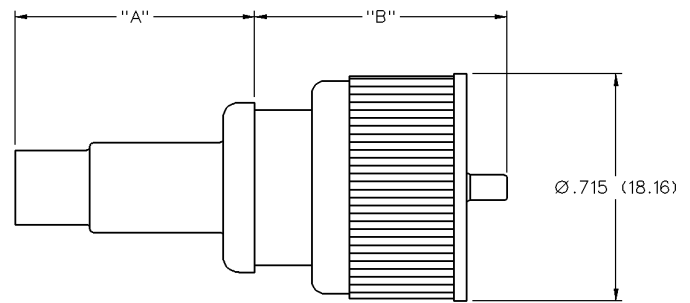
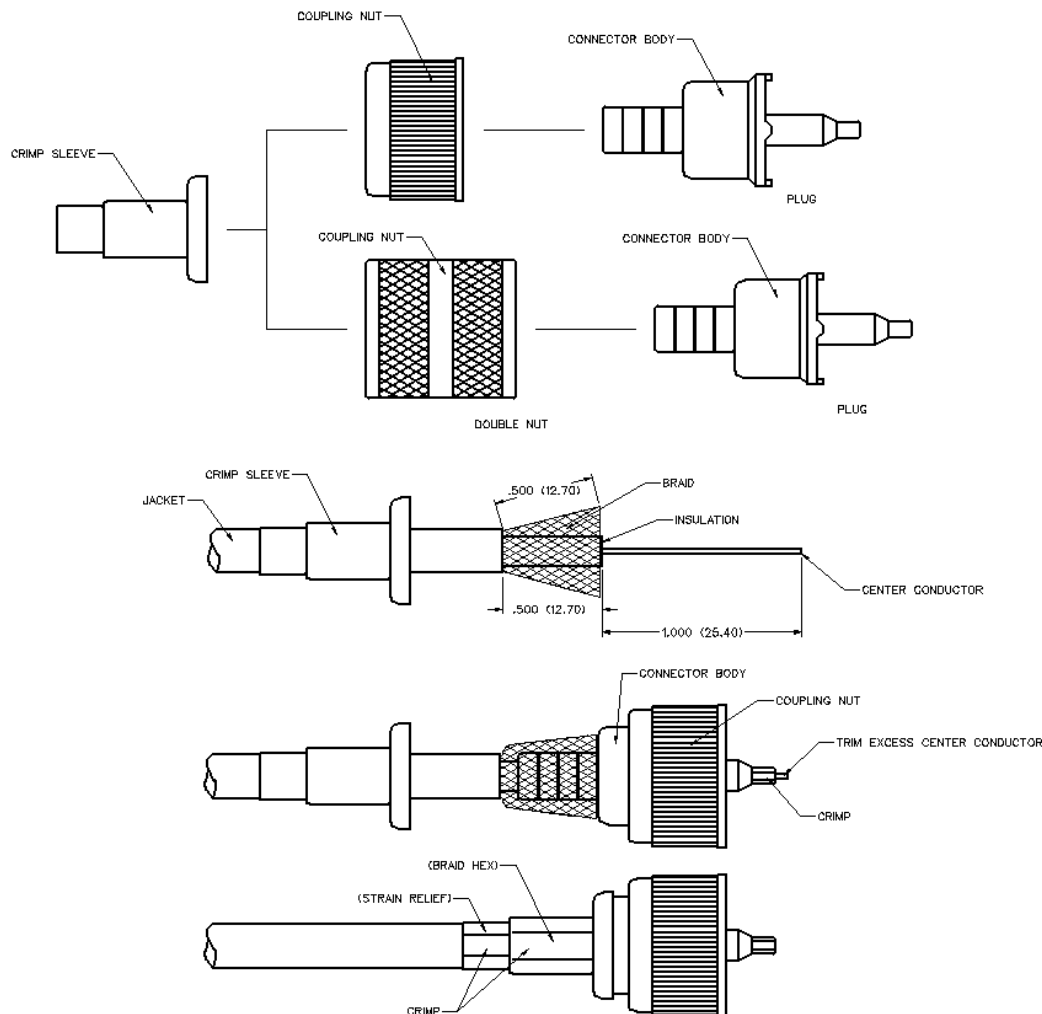


# UHF Straight Crimp Type Plug - Crimp Contact



| PART NUMBER | CABLE TYPE   | "A"          | "B"          | WIRE GAUGE | WIRE DECIMAL | JACKET O.D.             |
|-------------|--------------|--------------|--------------|------------|--------------|-------------------------|
| CPL-259-10* | RG-59 PLENUM | .696 (17.68) | .710 (18.03) | 20         | .0325 (0.83) | .205 (5.21)-.220 (5.59) |



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 Number | Cable               | Wire Gauge | Wire Decimal | Jacket O.D.             | Crimp (Braid Hex) | Crimp (Strain Relief) | Contact Crimp Hex | Recommended Crimp Tool |
|-------------|---------------------|------------|--------------|-------------------------|-------------------|-----------------------|-------------------|------------------------|
| CPL-259-10  | RG-59 PLENUM, RG-62 | 22         | .025         | .185 (4.07)-.205 (5.21) | .235 (5.97)       | none                  | .065 (1.65)       | 24-8857P               |

# UHF Connectors

Specifications



INCHES (MILLIMETERS)  
CUSTOMER DRAWINGS AVAILABLE UPON REQUEST

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