

MINI-UHF 50 Ohm 0-2.5 GHz: Specifications

MATERIALS:

Connector Body: Brass per ASTM B16 1/2 HD
 Center Contact Male: Brass per ASTM B16 1/2 HD
 Center Contact Female: Brass, Phosphor Bronze or Beryllium Copper
 Insulators: Teflon or Delrin
 Crimp Ferrule: Annealed Copper Alloy

Finish:

Center Contact Male: Gold per MIL-G-45204
 Center Contact Female: Gold per MIL-G-45204
 Connector Body: Nickel per QQ-N-290

Mating Characteristics:

Mating: 3/8"-24 Threaded Coupling

Cable Retention:

Connectors For RG- 58,141,142,223 - 40 lbs. Minimum

Connectors For RG-174,188,316 - 20 lbs. Minimum

Durability: 500 Matings

ELECTRICAL

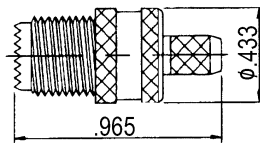
Impedance: 50 Ohm
 Frequency Range: 0 to 2.5GHz
 Voltage Rating: 335 Volts RMS Maximum
 Voltage Standing Wave Ratio: 1.25 Maximum
 Dielectric Withstanding Voltage: 1,000 Volts RMS Maximum
 Contact Resistance:
 Center Contact = 1.5 Milliohms Maximum
 Outer Contact = 1.0 Milliohms Maximum
 RF Leakage: -55 dB Minimum @ 2.5GHz
 Insertion Loss: .2 dB Maximum @2.5GHz
 Insertion Resistance: 5,000 Megohms Minimum

ENVIRONMENTAL

Temperature Range: -55°C to 85°C
 Vibration: MIL-STD-202, Method 204, Test Condition B.
 Salt Spray: MIL-STD-202, Method 101, Test Condition B.

MINI-UHF: Flexible Cable Crimp Attachment

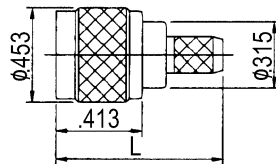
Straight Jack Crimp



Part Number	Cable
621-900-1160Y	RG-58,58A,141A
621-900-0630Y	RG-174,188A,316

• See page 116 for cable assembly procedures: CM-03

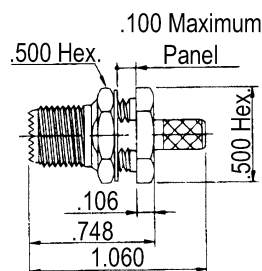
Straight Plug Crimp



Part Number	Cable
620-900-1160Y	RG-58,58A,141A
620-900-0630Y	RG-174,188A,316

• See page 116 for cable assembly procedures: CM-03

Straight Bulkhead Jack, Crimp



Part Number	Cable	Mounting Hole
621-930-1160Y	RG-58,58A,141A	No. 030
621-930-1165Y	RG-59,62A,210	No. 030

• See page 116 for cable assembly procedures: CM-03
 • see page 83 for mounting hole layout.

Note: Dimensions shown in inches.