



TRU Corporation offers LC Series connectors for military and commercial applications. The LC Series are large sized, high voltage, 50 ohm coaxial connectors designed for cable sizes .393" to 1.00". We offer a large range of plugs, jacks, bulkhead or panel receptacles and in-series and between-series adapters. See page 10 for Cable Assemblies manufactured from RG-218/U and RG-393 cable.

For leading-edge engineering and custom product designs, look to TRU. Since 1951, we have been providing our customers with quality and cost effective solutions for all of their interconnect applications. We maintain the highest quality standards and manufacture all our products at our modern facility located in Peabody, Massachusetts. Contact your Customer Service Representative today or visit www.trucorporation.com to see why we are "The Custom Interconnect Leader".

Please note that the products displayed are only a sampling of our designs.

ELECTRICAL

Nominal Impedance: 50 ohms
 Frequency Range: DC to 1.0 GHz
 Voltage Rating: 3,000 volts rms
 Dielectric Withstanding Voltage: 5,000 volts rms
 Insulation Resistance: 5,000 megohms
 VSWR: 1.15 max DC-1.0 GHz

MECHANICAL

Mating Characteristics: per MIL-C-3650 or MIL-STD-348
 Connector Durability: 500 cycles min.
 Cable Attachment: Clamp

ENVIRONMENTAL

Temperature Range: -85°F to +329°F (Teflon) (-65°C to +165°C)
 -85°F to +329°F (Rexolite, Polyethelene) (-65°C to +165°C)
 Vibration: MIL-STD-202 Method 204 (Test Cond. B)
 Shock: MIL-STD-202 Method 213 (Test Cond. I)
 Moisture Resistance: MIL-STD-202 Method 106
 Corrosion (salt spray): MIL-STD-202 Method 101 (Test Cond.B)

Body: Brass, Silver or Nickel Plated
 Contacts (Inner):
 Female: Beryllium Copper, Silver or Gold Plated
 Male: Brass, Silver or Gold Plated
 Contacts (Outer): Brass, Silver or Nickel Plated Beryllium, Silver or Nickel
 Contacts (Slotted): Plated
 Insulators: Teflon, Rexolite, Polyethelene
 Gaskets & Seals: Silicone Rubber

Please note that bold model numbers represent the product as shown.

Custom connectors can be manufactured to your own specifications.



Build Your Own Connector at www.trucorporation.com