



ELECTRICAL

- Nominal Impedance: 50 ohms
- Frequency Range: DC to 11 GHz
- Voltage Rating: 1,000 volts rms
- Dielectric Withstanding Voltage: 3,000 volts rms
- Insulation Resistance: 5,000 megohms
- VSWR: 1.35 max DC-11GHz

MECHANICAL

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

ENVIRONMENTAL

- Temperature Range: -85°F to +329°F (-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)

MATERIAL / FINISHES

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

Features listed are typical and may vary depending upon cable selection and application.

TRU Corporation offers SC Series connectors that are similar to C series bayonet types, but are threaded to provide a more solid coupling. Originally designed for use with aircraft avionics, these connectors are ideal for other equipment requiring a high tolerance for vibration. Our capabilities include a full range of plugs, jacks, receptacles, adapters and custom engineered solutions. These connectors are compatible with cable from 1/4 to 5/8 -inch diameter. For 1000 to 4000 volt/50 ohm systems. Mounting styles include: on cable, single hole, and square plate. These connectors meet MIL-C-39012 and MIL-STD-348.

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 bold model numbers represent the product as shown.

Custom connectors can be manufactured to your own specifications.



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

Build Your Own Connector at www.trucorporation.com