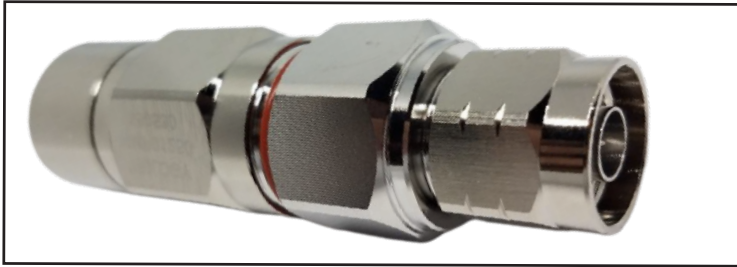


VITALink® Coax Connector & Tools

Specialty Designed Connector for Ease of Assembly



ABOUT VITALink® COAX CONNECTORS

VITALink® Coax Connectors are specifically designed connectors to ensure proper connectability and electrical connection between circuits. Offering easy assembly during installation while reducing any connection loss, these connectors only have a 0.05 intersection loss averaging 0.6 kW power. Supporting the VITALink® brand as the most comprehensive solution that offers circuit integrity cables for critical power, control, communications, IP, and RF signals.

SPECIFICATIONS & CERTIFICATIONS

- 50 Ohm (+/- 2)
- 0.3MHZ TO 6 GHZ Operating Frequency Band
- 2kV DC Dielectric Withstand Voltage
- Peak Power, maximum of 10 kW
- Operating Temperature, °F (°C) = -40° to 158° (-40° to 70°)
- Storage Temperature, °F (°C) = -40° to 158° (-40° to 70°)
- Installation Temperature, °F (°C) = 23° to 122° (-5° to 50°)
- Passes IEC 16916 Interface Durability Test with 500 cycles
- 200 lbs Minimum Connector Pull-off Force
- Passes IEC 60529:2001 IP68 Immersion Test
- Passes MIL-STD-1344A Corrosion Test
- Passes MIL-STD-202F Thermal Shock and Vibration Test
- RoHS 2011/65/EU Compliant

RETURN LOSS

Frequency Range	Return Loss (VSWR)
DC to 1GHz	30 dB (1.06)
1GHz TO 2GHz	31 dB (1.06)
2GHz TO 3GHz	32 dB (1.06)
3GHz TO 4GHz	25 dB (1.12)
4GHz TO 5GHz	20 dB (1.22)
5GHz TO 6GHz	15 dB (1.43)