

Triaxial Connectors

Mechanical & Environmental Specifications

Temperature Rating	-65°C to + 165°C
Corrosion	MIL-STD-202 Method 101, Test Condition B
Shock	MIL-STD-202 Method 213, Test Condition B
Vibration	MIL-STD-202 Method 204, Test Condition B
Thermal Shock	MIL-STD-202 Method 107, Test Condition B
Durability	1000 Mate/Unmate cycles min
Coupling Nut Torque (NDL-T) Recommended Proof Torque	2.3 in-lbs min 7.0 in-lbs
Jam Nut Recommended Torque	4-5 in-lbs
Mating Torque (NDL-T)	2.5 in-lbs
Engagement Disengagement Force (NDL-Q)	3.0 lbs min

Electrical Specifications

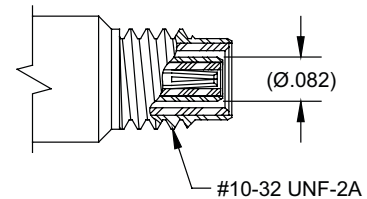
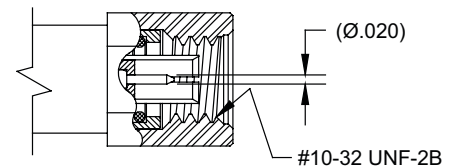
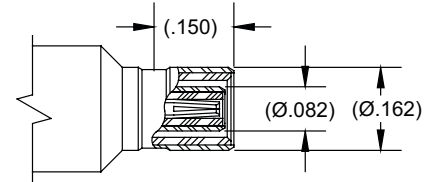
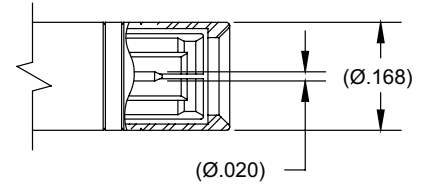
Dielectric Withstanding Voltage	Center contact to intermediate contact: 1000 Vrms min Intermediate contact to outer contact: 400 Vrms min.
Insulation Resistance	5.000 megaOhm min Center contact to intermediate contact: 250 VDC Intermediate contact to outer contact: 125 VDC
Contact Current Rating	2.0 Amps max
RF Hi Potential Withstanding Voltage	Center contact to intermediate contact: 500 Vrms @ 5 MHz Intermediate contact to outer contact: 125 Vrms @ 5 MHz
Corona Level @ 70,000 ft	Center contact to intermediate contact: 125 VAC
Permeability	2.0 max
Risetime Degradation (Mated Pair)	800 ps @ 1 MHz

Material & Finishes

Shell & Center / Intermediate Contacts	Brass per ASTM-B16, Alloy UNS C36000 or BeCu per ASTM-B196, Alloy UNS C17200, C17300 Gold plate per MIL-DTL-45204, Type II, Class 1
Insulators	PTFE per ASTM-D 1710
O-Ring (NDL-T)	Silicone rubber per A-A-59588

All specifications subject to change without notice.

Interface Dimensions



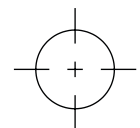
Connector Types

Actual O.D. Size

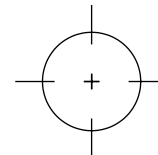
NDL



TTM/TRS



TRT/TRB



TRC/TTC

