

Electrical

Impedance	50 Ohms
Operating Frequency	DC to 40 GHz
Center Contact Resistance	6.0 milliohms
Dielectric Withstanding Voltage (60 Hz)	
Sea level	500 Volts RMS Min.
70,000 ft	125 Volts RMS Min.
Corona Extinction Voltage (70,000ft)	190 Volts RMS Min.
RF High Potential Voltage (5MHz)	325 Volts RMS Min.
Insulation Resistance	5000 Megohms
Voltage Rating	
Sea level	335 Volts RMS Max.
70,000 ft	65 Volts RMS Max.
RF leakage	-80 dB to 3 GHz
	-65 dB to 26.5 GHz

Mechanical

Axial Misalignment	.010" (.25mm) Max.
Radial Misalignment	±.010" (.25mm)
Durability	
Full Detent	100 Cycle
Limited Detent	500 Cycles
Smooth Bore	1000 Cycles
Force to Engage	
Full Detent	15 lbs (66.7N) Max.
Limited Detent	10 lbs (44.5 N) Max.
Smooth Bore	2 lbs (8.9N) Max.
Force to Disengage	
Full Detent	5 lbs (22.2N) Min.
Limited Detent	2 lbs (8.9N) Min.
Smooth Bore	0.5 (2.2N) Min.
Permeability	<2.0Mu

Environmental

Operating Temperature	-65°C to +165°C
Storage Temperature	-65°C to +200°C
Corrosion	MIL-STD-202, Method 101 Test Condition B, 5% Salt Solution
Vibration	MIL-STD-202, Method 204 Test Condition B, 15 min/axis
Random Vibration	MIL-STD-202, Method 214 Test Condition F, 15 min/axis
Mechanical Shock	MIL-STD-202, Method 213 Test Condition I, 100g's Sawtooth Axis
Thermal Shock	MIL-STD-202, Method 107 Test Condition B, +165°C High Temp.

* Individual connector may vary consult factory for specific specification