

Electrical Specifications	
Frequency:	DC - 26.5 GHz
Impedance:	50 Ohms
VSWR max.:	1.20:1
Insertion Loss:	0.05 x SQRT(f(GHz)) dB
RF Leakage:	-(90 - f(GHz)) dB (when 100% properly mated)
Insulation Resistance:	shall not be less than 5,000 megaohms
Dielectric Withstanding Voltage:	1,000 Volts rms at Sea Level
RF High Potential Withstanding Voltage:	670 Volts rms at 5 MHz
Materials	
Steel	Corrosion resistant 1.4305 per DIN EN 10088-3 (ASTM-A-582-80)
Copper Beryllium	33-25 CuBe2Pb H per DIN 17666 (ASTM-B-196)
PTFE	PolyTetraFluoroEthylene per ASTM-D-1710
Spring Steel	
Finish	
Stainless Steel	shall be passivated per ASTM-A-967
Copper Beryllium	Centre Contacts shall be gold plated to a minimum thickness of 1.30 µm [.00005"] per ASTM-B-488, Type III, Code C, Class 1.25
	Outer Conductors shall be gold plated to a minimum thickness of 0.8 µm [.000031"] per ASTM-B-488, Type III, Code C, Class 0.75