

Features

- * Low Insertion Loss
- * High Phase Stability
- * High Power
- * High Durability

Construction



Technical & Mechanical Specifications	
Frequency	DC~18GHz
Cut-off Frequency	18GHz
Impedance	50Ω
Velocity of Propagation	83%
Shielding Effectiveness	90dB min.
Voltage Withstand	2500V DC
PIM	-155dBc
Phase Stability	750PPM@-55°C~+85°C max
Bend Radius (installation)	38.0mm
Bend Radius (repeated)	76.0mm
Temperature	-55~+165°C
Material & Plating	
Inner Conductor	2.40 Silver-plated copper
Dielectric	6.36 Low density PTFE
Inner Shield	6.60 Silver-plated copper tape
Outer Shield	7.10 Silver-plated copper braid
Jacket	8.10 PFA

Attenuation & Power Handling									
Frequency (GHz)	0.1	0.3	0.5	1	3	6	10	12.4	18
Attenuation* (dB/100m)	4.2	7.4	9.6	13.7	24.1	34.8	45.8	51.5	63.3
Average Power*2(W)	6108	3503	2701	1894	1071	742	564	502	409