

Features

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

Construction



Technical & Mechanical Specifications		
Frequency	DC~18GHz	
Cut-off Frequency	19GHz	
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	2.39	Stranded Silver-plated copper
Dielectric	6.25	Low density PTFE
Inner Shield	6.49	Silver-plated copper tape
Outer Shield	7.06	Silver-plated copper braid
Jacket	7.65	PFA

Attenuation & Power Handling										
Frequency (GHz)	0.1	0.3	0.5	1	2	4	6	10	12.4	18
Attenuation* (dB/100m)	5.6	9.8	12.7	18	25.7	36.7	45.3	59.2	66.3	80.9
Average Power*2(W)	5134	2952	2280	1604	1126	788	638	488	436	357