

## Flexible RF Cables & Assemblies DC~26.5GHz

### Features

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

### Construction



Technical & Mechanical Specifications	
Frequency	DC~26.5GHz
Cut-off Frequency	31GHz
Impedance	50Ω
Velocity of Propagation	83%
Shielding Effectiveness	90dB min.
Voltage Withstand	1500V DC
PIM	-155dBc
Phase Stability	750PPM@-55°C~+85°C max
Bend Radius (installation)	24.0mm
Bend Radius (repeated)	48.0mm
Temperature	-55~+165°C
Material & Plating	
Inner Conductor	1.40 Silver-plated copper
Dielectric	3.80 Low density PTFE
Inner Shield	3.95 Silver-plated copper tape
Outer Shield	4.35 Silver-plated copper braid
Jacket	4.80 PFA

Attenuation & Power Handling										
Frequency (GHz)	0.1	0.3	0.5	1	3	6	10	12.4	18	26.5
Attenuation* (dB/100m)	7.5	13.1	16.9	24.1	42.1	60.1	78.3	87.6	106.6	130.8
Average Power*2(W)	2934	1689	1305	919	525	368	282	252	207	169