

3507 Series Low Loss Phase Stable Flexible Coax Cable With FEP(Grey) P/N: GT3507 Jacket | DC-40GHz

Construction and Parameter

	Material	Diameter
Centre conductor	Silver Plated Copper (SPC)	0.91mm
Dielectric	LD-PTFE	2.69mm
Outer conductor	first: Silver-plated copper tape and second:Silver-plated copper braid	3.1mm
Jacket	FEP	3.60mm



Mechanical Data

Colour	Grey
Min. Bending Radius	12.7mm

Enviromental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-55 °C to +165 °C
MIL/STD	N/A
Storage Temperature Range	-55 °C to +125 °C

Electrical Specifications

Frequency	DC - 50GHz
RF Leakage	90dB
Capacitance (pF/m)	86
Velocity of propagation	82%
Impedance (ohm)	50

Attenuation (dB/100m @ 20°C) and power ratings (Watts @ 40°C)		
Frequency (MHz)	Attenuation (dB/100m)	Power (W)
400	28	380
1000	39	350
2000	48	315
3000	59	280
5000	85	220
6000	91	190
10000	131	120
18000	181	90
26500	223	75
40000	285	65