

3506 Series Low Loss Phase Stable Flexible Coax Cable With FEP(Grey) P/N: GT3506-U2 Jacket | DC-67GHz

Construction and Parameter

	Material	Diameter
Centre conductor	Solid Silver Plated Copper Wire	0.51mm
Dielectric	LD-PTFE	1.38mm
Outer conductor	Silver plated copper	1.90mm
Jacket	FEP	2.20mm



Mechanical Data

Colour	Grey
Weight (g)	16
Min. Bending Radius	11mm

Environmental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-45°C to +125°C
MIL/STD	N/A
Storage Temperature Range	-40 °C to +85 °C

Electrical Specifications

Frequency	DC - 67GHz
RF Leakage	90dB
Capacitance (pF/m)	94
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	45.0	95
1000	63.7	55
2000	95.0	43
3000	111.9	32
5000	143	25
6000	160.4	22
10000	209.9	17
18000	287.1	12
26500	354.0	10
40000	444.0	8
50000	499.0	7
67000	593.2	6