

147A Series Low Loss Phase Stable Flexible Coax Cable With FEP(Turquoise) Jacket | DC-40GHz

P/N: GT147A

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	2.86mm
Jacket	FEP	3.73mm



Mechanical Data

Colour	Turquoise
Min. Bending Radius	12.7mm

Environmental 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 - 40GHz
RF Leakage	90dB
Capacitance (pF/m)	86
Velocity of propagation	77%
Impedance (ohm)	50Ω

Attenuation (dB/100m @ 20°C) and power ratings (Watts @ 40°C)		
Frequency (MHz)	Attenuation (dB/100m)	Power (W)
400	28	
1000	39	380
2000	48	350
3000	59	315
5000	81	250
6000	92	210
10000	131	120
18000	181	90
26500	223	75
40000	285	65