

311A Series Low Loss Phase Stable Flexible Coax Cable With FEP(Turquoise) Jacket | DC-18GHz

P/N: GT311A

Construction and Parameter

	Material	Diameter
Centre conductor	Silver Plated Copper (SPC)	2.30mm
Dielectric	LD-PTFE	6.30mm
Outer conductor	first:Silver-plated copper tape and second Silver-plated copper braid	7.29mm
Jacket	FEP	7.90mm



Mechanical Data

Colour	Turquoise
Min. Bending Radius	31.75mm

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 - 18GHz
RF Leakage	90dB
Capacitance (pF/m)	80
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	10	2200
1000	16	1700
2000	21	1500
3000	26	1250
5000	34	780
6000	37	530
10000	49	450
18000	69	380