

142A Series Low Loss Phase Stable Flexible Coax Cable With FEP(Purple) Jacket | DC-40GHz

P/N: GT142A

Construction and Parameter

	Material	Diameter
Centre conductor	Silver Plated Copper (SPC)	1.02mm
Dielectric	LD-PTFE	2.74mm
Outer conductor	First:Silver-plated copper tap and Second: Silver-plated copper braid	3.30mm
Jacket	FEP	3.61mm



Mechanical Data

Min. Bending Radius	9.65mm
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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)	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	20	
1000	33	500
2000	41	460
3000	49	423
5000	65	325
6000	74	280
10000	108	165
18000	144	120
26500	177	
40000	233	