Flexi RF
Reliable RF Components In Stock

Datasheet

141" Semi-Flexible Coax Cable Without Jacket | DC-26.5GHz

P/N: GUT-141-FORM

Construction and Parameter

	Material	Diameter
Centre conductor	Silver Plated Copper (SPC)	0.94mm
Dielectric	PTFE	2.95mm
Outer Conductor 1	Tin-soaked copper Coverge100%	3.58mm
Outer Conducor 2		
Jacket		



Mechanical Data

Colour	Silver
Min. Bending Radius	10mm

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 - 26.5GHz
RF Leakage	100dB
Capacitance (pF/m)	94
Velocity of propagation	70%
Impedance (ohm)	50

Attenuation and Power Data

Attenuation (dB/100m @ 20°C) and power ratings (Watts @ 40°C)		
Frequency (MHz)	Attenuation (dB/100m)	Power (W)
400	25	686
1000	41	419
2000	60	291
3000	77	235
4000	90	203
5000	102	182
6000	113	166
10000	152	122
18000	215	83

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