Flexi RF
Reliable RF Components In Stock

Datasheet

402 Series Flexible Coax Cable with FEP(Green) Jacket | DC-18GHz

P/N: RG402-SS

Construction and Parameter

	Material	Diameter
Centre conductor	Silver Plated Copper (SPC)	0.91mm
Dielectric	Solid extruded PTFE	3.0mm
Outer Conductor 1	Solid Silver Plated Copper Wire	3.55mm
Outer Conducor 2		
Jacket	FEP	4.12mm



Mechanical Data

Colour	Blue
Weight (g)	49
Min. Bending Radius	12.7mm

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	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	18	440
1000	38	290
2000	53	220
3000	71	156
4000	83	138
5000	96	121
6000	107	103
10000	144	76
18000	216	51

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