

RG142 Series Flexible Coax Cable with FEP(Brown) Jacket | DC-10GHz P/N: RG142

Construction and Parameter

	Material	Diameter
Centre conductor	Silver Plated Copper (SPC)	0.94mm
Dielectric	PTFE	2.95mm
Outer conductor	Silver Plated Copper Wire Braid	3.5mm
Jacket	FEP	4.95mm



Mechanical Data

Colour	Brown
Weight (g)	80
Min. Bending Radius	25mm

Environmental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-55 °C to +125 °C
MIL/STD	N/A
Storage Temperature Range	-55 °C to +125 °C

Electrical Specifications

Frequency	DC - 10GHz
RF Leakage	80dB
Capacitance (pF/m)	94
Velocity of propagation	70%
Impedance (ohm)	50

Attenuation (dB/100m @ 20°C) and power ratings (Watts @ 40°C)		
Frequency (MHz)	Attenuation (dB/100m)	Power (W)
400	27.6	644
1000	46	407
2000	68.8	288
6000	135.6	166