

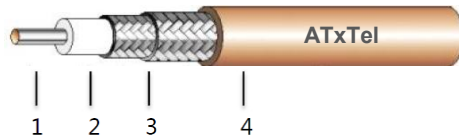
Product Specifications



Model: RG142

Flexible Coaxial Cable

Applied Standard MIL-C-17



Construction	Materials	Outer Diameter (mm)
1. Inner Conductor	Silvered Copper Wire	0.93
2. Dielectric	PTFE	3.00
3. Outer Conductor	Double Silver Plated Copper Braid	3.95
4. Jacket	FEP	4.95

Electrical Specifications

Cable Impedance	50 Ω
Capacitance	96.45 pF/m
Velocity	70%
Voltage Withstanding	5000 Vrms
Working Voltage	1400 Vrms
Operating Frequency	DC-12.4 GHz max

Mechanical & Environmental Specifications

Bend Radius	25 mm
Temperature Range	-55 ~ +200 $^{\circ}\text{C}$
RoHS Compliance	Compliant

Attenuation (Typical Value @ 25 $^{\circ}\text{C}$ & Sea Level)

Frequency (MHz)	Attenuation (dB/m)
100	0.13
400	0.28
1000	0.45
3000	0.83
5000	1.15
6000	1.30