

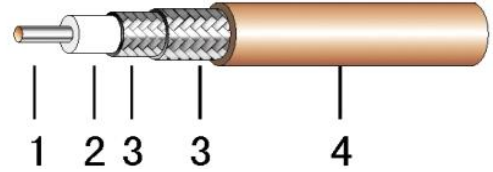
Product Specifications



RG142

Flexible coaxial cable, 50ohm RG142 type

Applied standard: MIL-C-17



Construction 结构	Materials 材料	O.D (mm)尺寸
1.内导体Inner conductor	镀银铜SC	0.93
2.绝缘Dielectric	聚四氟乙烯PTFE	3.00
3.外导体Outer conductor	镀银铜线编织Double silver plated copper braid	3.95 Nom.
4.护套Jacket	聚全氟乙丙烯FEP	4.95

Electrical Specifications 电性能

阻抗Cable impedance	50 ohm
电容Capacitance	96.45 pF/m
速率Velocity	70%
耐电压Voltage withstanding	5000 Vrms
工作电压Working voltage	1400 Vrms
工作频率Operating frequency	12.4 GHz Max.

Mechanical & Environmental Specifications 机械环境性能

弯曲半径Bend radius	25 mm
温度范围Temperature range	-55 ~ +200 °C
环保RoHS compliance	Compliant

Attenuation Typical Value 衰减典型值

Frequency(MHz)	Attenuation(dB/m)
@ 25°C & sea level	Typical
100	0.13
400	0.28
1000	0.45
3000	0.83
5000	1.15
6000	1.30

In the effort to improve our products, Lair Microwave reserves the right to make changes judged to be necessary.

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