

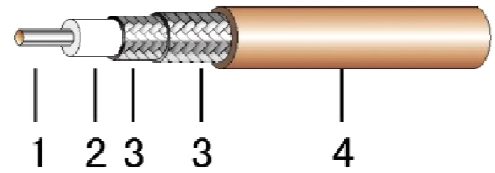
# Product Specifications



## 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.

Tel: +86-512-66226676 Fax: +86-512-67564409 E-mail: sales@lairmw.com @ Designed by Lair Microwave