

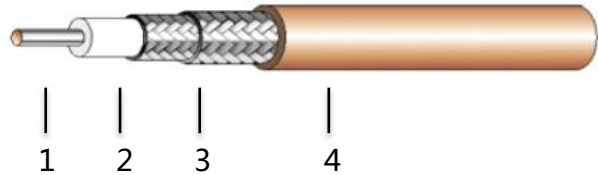
## 产品规格书

## Product Specifications

## 型号 Cable Type : RG142

Flexible coaxial cable, 50ohm RG142 type

Applied standard: MIL-C-17



| 结构 Construction       | 材料 Materials                         | 尺寸 O.D (mm) |
|-----------------------|--------------------------------------|-------------|
| 1.内导体 Inner Conductor | 镀银铜包钢 SCCS                           | 0.93        |
| 2.绝缘层 Dielectric      | 聚四氟乙烯 PTFE                           | 3.00        |
| 3.外导体 Outer Conductor | 双层镀银铜编织 Double Silvered Copper Braid | 3.95        |
| 4.护套 Jacket           | 聚全氟乙丙烯 FEP                           | 4.95        |

## 电气性能 Electrical Specifications

|                          |               |
|--------------------------|---------------|
| 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. |

## 机械环境性能 Mechanical &amp; Environmental Specifications

|                        |               |
|------------------------|---------------|
| 重量 Weight              | 63 g/m        |
| 弯曲半径 Bend Radius       | 25 mm         |
| 温度范围 Temperature Range | -55 ~ +200 °C |
| 环保 RoHS Compliance     | Compliant     |

## 衰减典型值 Attenuation (Typical Value @ 25°C &amp; Sea Level)

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