

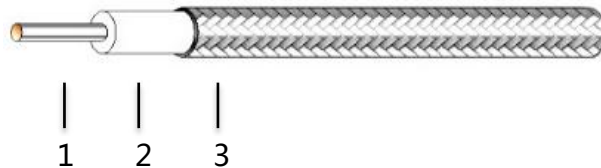
## 产品规格书

## Product Specifications

## 型号 Cable Type : RG402-SF141

Semi-flexible coaxial cable, 50ohm RG402 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                       | 2.98        |
| 3.外导体 Outer Conductor | 浸锡铜线编织 Braided Tin Soaked Copper | 3.58        |

## 电气性能 Electrical Specifications

|                          |             |
|--------------------------|-------------|
| 阻抗 Cable Impedance       | 50 ohm      |
| 电容 Capacitance           | 95 pF/m     |
| 速率 Velocity              | 70%         |
| 耐电压 Voltage Withstanding | 5000 Vrms   |
| 工作电压 Working Voltage     | 1900 Vrms   |
| 工作频率 Operating Frequency | 18 GHz Max. |

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

|                        |               |
|------------------------|---------------|
| 重量 Weight              | 44 g/m        |
| 弯曲半径 Bend Radius       | 40 mm         |
| 温度范围 Temperature Range | -55 ~ +125 °C |

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

| 频率 Frequency (MHz) | 功率 Power (W) | 衰减 Attenuation (dB/m) |
|--------------------|--------------|-----------------------|
| 400                | 488          | 0.25                  |
| 500                | 437          | 0.28                  |
| 1000               | 303          | 0.40                  |
| 3000               | 167          | 0.73                  |
| 5000               | 127          | 0.96                  |
| 6000               | 115          | 1.06                  |
| 10000              | 86           | 1.41                  |