

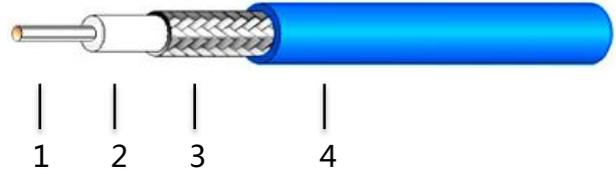
产品规格书

Product Specifications

型号 Cable Type : RG402-SF141-FEP

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 |
| 4.护套 Jacket | 聚全氟乙丙烯 FEP | 4.15 |

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 & Environmental Specifications

| | |
|------------------------|---------------|
| 重量 Weight | 52 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 & 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 |