

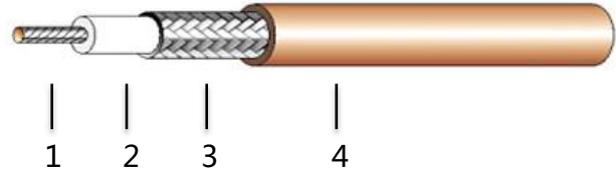
产品规格书

Product Specifications

型号 Cable Type : RG178

Flexible coaxial cable, 50ohm RG178 type

Applied standard: MIL-C-17



| 结构 Construction | 材料 Materials | 尺寸 O.D (mm) |
|-----------------------|-------------------------------------|---------------|
| 1.内导体 Inner Conductor | 镀银铜绞线 Stranded Silvered Copper Wire | 0.30 (0.10X7) |
| 2.绝缘层 Dielectric | 聚四氟乙烯 PTFE | 0.86 |
| 3.外导体 Outer Conductor | 镀银铜编织 Silvered Copper Braid | 1.30 |
| 4.护套 Jacket | 聚全氟乙丙烯 FEP | 1.83 |

电气性能 Electrical Specifications

| | |
|--------------------------|------------|
| 阻抗 Cable Impedance | 50 ohm |
| 电容 Capacitance | 96 pF/m |
| 速率 Velocity | 70% |
| 工作电压 Working Voltage | 1000 Vrms |
| 工作频率 Operating Frequency | 3 GHz Max. |

机械环境性能 Mechanical & Environmental Specifications

| | |
|------------------------|---------------|
| 重量 Weight | 8 g/m |
| 弯曲半径 Bend Radius | 10 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 & Sea Level)

| 频率 Frequency (MHz) | 衰减 Attenuation (dB/m) |
|--------------------|-----------------------|
| 100 | 0.45 |
| 400 | 0.91 |
| 1000 | 1.46 |
| 3000 | 2.57 |