

## 产品规格书

## Product Specifications

## 型号 Cable Type : RG6

Flexible coaxial cable, 75ohm RG6 type

Applied standard: MIL-C-17



| 结构 Construction       | 材料 Materials                                              | 尺寸 O.D (mm) |
|-----------------------|-----------------------------------------------------------|-------------|
| 1.内导体 Inner Conductor | 裸铜线 Bare Copper                                           | 1.02        |
| 2.绝缘层 Dielectric      | 发泡聚乙烯 Foam PE                                             | 4.57        |
| 3.外导体 Outer Conductor | 自粘铝箔+铝镁线编织 Adhesive Aluminum Foil + Braided Aluminum Wire | 5.22        |
| 4.护套 Jacket           | 聚氯乙烯或聚乙烯 PVC or PE                                        | 7.07        |

## 电气性能 Electrical Specifications

|                              |                 |
|------------------------------|-----------------|
| 阻抗 Cable Impedance           | 75 ohm          |
| 电容 Capacitance               | 52 pF/m         |
| 速率 Velocity                  | 85%             |
| 工作电压 Working Voltage         | 3000 Vrms       |
| 屏蔽效率 Shielding Effectiveness | >90 dB          |
| 回波损耗 Return Loss (VHF / UHF) | >20 dB / >20 dB |

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

|                        |              |
|------------------------|--------------|
| 重量 Weight              | 57 g/m       |
| 弯曲半径 Bend Radius       | 35 mm        |
| 温度范围 Temperature Range | -40 ~ +80 °C |

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

| 频率 Frequency (MHz) | 衰减 Attenuation (dB/m) |
|--------------------|-----------------------|
| 5                  | 0.02                  |
| 50                 | 0.05                  |
| 100                | 0.07                  |
| 200                | 0.09                  |
| 400                | 0.13                  |
| 550                | 0.16                  |
| 750                | 0.19                  |
| 800                | 0.20                  |
| 1000               | 0.22                  |