



RG series 6GHz 耐高温柔性电缆

该系列电缆组件频率范围从 DC 到 6GHz. 选用 RG 系列电缆, 具有成本优势。可以配接 SMA, SMB, MCX, BMA, BNC, N 等连接器, 比较适用于普通测试和连接。

| Frequency (GHz) | Band | VSWR (x.xx:1) | Conn. Loss (dB/ea) | Attenuation (dB/m) | | |
|-----------------|------|---------------|--------------------|--------------------|-------|-------|
| | | | | RG316D | RG142 | RG223 |
| 0.10 | VHF | 1.05 | 0.05 | 0.263 | 0.125 | 0.131 |
| 0.40 | UHF | 1.07 | 0.10 | 0.531 | 0.256 | 0.269 |
| 1.00 | L | 1.10 | 0.15 | 0.856 | 0.420 | 0.450 |
| 3.00 | S | 1.15 | 0.20 | 1.532 | 0.781 | 0.817 |
| 5.00 | C | 1.25 | 0.30 | 2.152 | 1.100 | 1.151 |

| 电气性能 | | | |
|--|-------|----|-----|
| Frequency max.(GHz) | | 6 | 6 |
| Impedance, normal (Ω) | | 50 | 50 |
| Shielding Effectiveness, min.(dB@1GHz) | | 65 | 65 |
| Phase Stability vs. Temperature* 10GHz | | | |
| | 18GHz | | |
| Power Handling CW at 2.5GHz (watts) | | 60 | 220 |

*Cable wrapped around a 50mm diameter mandrel

| 机械性能 | | | |
|---|--|-------------|-------------|
| Jacket Diameter, nominal, in(mm)FEP | | 2.50 | 4.95 |
| Minimum Bend Radius (Single) in(mm) | | 13 | 25 |
| Minimum Bend Radius (Multiple) in(mm) | | 26 | 50 |
| Temperature Range, min., $^{\circ}\text{C}$ | | -55 to +125 | -55 to +125 |
| Weight, nominal, (g/m) | | 18 | 64.0 |

| 电缆结构 | |
|-----------------|---|
| Inner Conductor | Solid or Stranded Silver-plated Copper Wire or clad steel |
| dielectric | Solid PE or PTFE |
| Outer Conductor | Silver-Plated Copper Strip/Silver-plated Copper Shield |
| Outer Jacket | PVC or FEP |

订购信息:

RG142- Nm- SMAm-1000T

RG: RG 系列电缆组件;

142: 电缆类型, RG142 电缆;

Nm/ SMAm: 组件两端连接器的类型;

m: 公头;

1000: 长度, 单位 mm.

T: 表示用于测试用途的电缆组件。