

S-flex 18/27GHz 低损耗电缆组件



该系列电缆组件频率范围从DC到27GHz，具有优异的稳幅稳相特性从而保证了好的一致性和重复性。可以配接SMA, N等连接器，适用于低损耗场合和测试等使用。

| Frequency (GHz) | Band | VSWR (x.xx:1) | Conn. Loss (dB/ea) | Attenuation (dB/m) | | |
|-----------------|------|---------------|--------------------|--------------------|----------|----------|
| | | | | A (210A) | B (210B) | D (311A) |
| 1 GHz | UHF | 1.05 | 0.05 | 0.28 | 0.33 | 0.16 |
| 5 GHz | S | 1.15 | 0.06 | 0.55 | 0.71 | 0.40 |
| 10 GHz | X | 1.20 | 0.08 | 0.78 | 1.00 | 0.58 |
| 18 GHz | Ku | 1.27 | 0.10 | 1.06 | 1.30 | 0.78 |
| 26.5 GHz | K | 1.35 | 0.13 | 1.29 | 1.58 | |
| 40GHz | ka | 1.45 | 0.25 | | | |
| 50GHz | U | 1.50 | | | | |

| 电气性能 | | | | |
|---|-------|-----|-----|-----|
| Shielding Effectiveness, min. (dB@1GHz) | | 90 | 90 | 90 |
| Phase Stability vs. Temperature* | 10GHz | ±3° | ±2° | ±3° |
| | 18GHz | ±5° | ±3° | ±5° |
| Power Handling CW at 10GHz (watts) | | 160 | 160 | 630 |

* 电缆绕在一个57.2毫米半径的圆柱上

| 机械性能 | | | |
|--------------------------------------|--------------|--------------|--------------|
| Jacket Diameter, nominal, in(mm) FEP | 5.5 | 5.5 | 7.5 |
| Static Bend Radius, min. in(mm) | 12.5 | 12.5 | 31.0 |
| Temperature Range, min., °C | -55 to + 125 | -55 to + 125 | -55 to + 125 |
| Weight, nominal, (g/m) | 72 | 72 | 127 |
| Center Conduct | Solid | Stranded | Solid |

| 电缆结构 | |
|-----------------|--|
| Inner Conductor | Solid Silver-plated Copper Wire |
| dielectric | Expanded PTFE |
| Outer Conductor | Silver-Plated Copper strip/Silver-plated Copper Shield |
| Outer Jacket | FEP |

订购信息:

BLU18A- NmSm- 1000P

BLU: 低损耗电缆组件;

NmSm: 组件两端连接器的类型;

P: 配相电缆组件

18: 最高使用频率 GHz;

m: 公头;

A: 电缆类型;

1000: 长度, 单位mm;