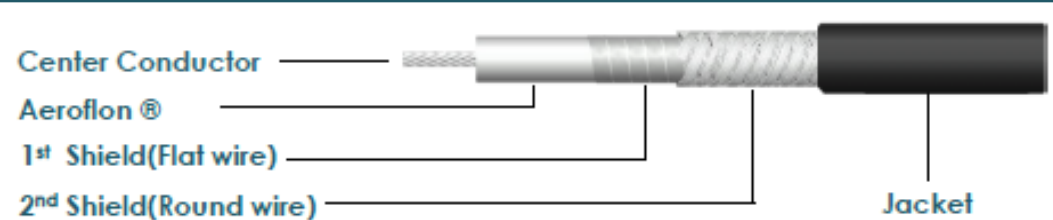


13S26 (DC ~ 18GHz)

Construction



| Part | Material | Diameter |
|------|--|--|
| 1 | Center Conductor | Silver Plated Copper [Stranded] Φ 19 / 0.287 [mm] Φ 19 / 0.0113 [inch] |
| 2 | Dielectric | Aeroflon ® [Extruded] |
| 3 | 1 st / 2 nd Shield | Silver Plated Copper |
| 4 | Jacket | High Temperature Resin Φ 6.20 ± 0.1 [mm] Φ 0.244 ± 0.003 [inch] |

Electrical & Mechanical specification

| | |
|-----------------------------|-------------------|
| Characteristic Impedance | 50 ± 1 Ω |
| Operating Frequency | DC to 18 GHz |
| Temperature | -50 °C ~ +135 °C |
| Velocity of Propagation | 77% nominal |
| Minimum Bend Radius | 30 mm / 1.18 inch |
| Weight [g/m] | 73.4 |
| Shielding Effectiveness | <-100 dB |
| Phase Stability vs. Flexure | 6° max. @18GHz |
| Loss Stability vs. Flexure | Δ 0.1dB to 18GHz |
| Available Connector | SMA / N |

| | |
|---|-----------|
| Connector 1 | NMST |
| Connector 2 | NMST |
| Insertion Loss Typ. (@ Max Freq.) | 1.45 dB/m |
| Insertion Loss Guarantee (@ Max Freq.) | 1.58 dB/m |

Microwave Cable

DC ~ 18GHz phase stable cable