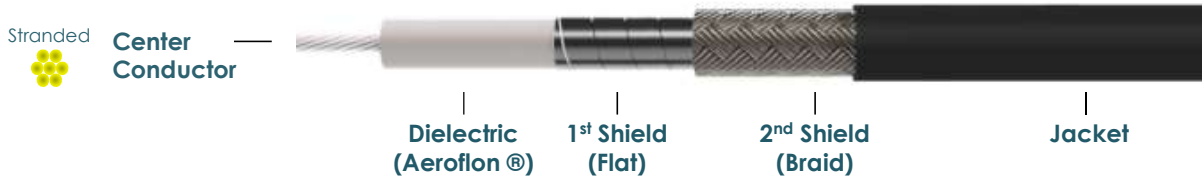


Cable P/N : 13S26



Construction

| Section | Material | Diameter |
|--------------------------|---------------------------------------|---|
| 1 Center Conductor | Silver Plated Copper, wire [Stranded] | Ø1.34mm, 19/0.287 (Ø0.053inch, 19/0.0113) |
| 2 Dielectric | PTFE [Extruded] | Ø3.98mm (Ø0.157inch) |
| 3 1 st Shield | Silver Plated Copper, flat | |
| 4 2 nd Shield | Silver Plated Copper, wire | |
| 5 Jacket | High Temperature Resin | Ø6.2mm ±0.1 (Ø0.244inch) |

Electrical & Mechanical specification

| | |
|-----------------------------|--------------------|
| Characteristic Impedance | 50Ω ±1.0 |
| Operating Frequency | DC to 26.5GHz |
| Temperature Range | -50°C ~ +135°C |
| Velocity of Propagation | 77% nominal |
| Shielding Effectiveness | ≤ -100dB @18GHz |
| Minimum Bend Radius | 30mm (1.18inch) |
| Phase Stability vs. Flexure | Max. 10° @26.5GHz |
| Loss Stability vs. Flexure | △ 0.1dB to 26.5GHz |
| Weight [g/m] | 73 |

Attenuation & Average Power Rating (25 °C, at Sea Level)

| Frequency [GHz] | Attenuation (Typ.) | | Avg. Power [Watt] |
|-----------------|--------------------|----------|-------------------|
| | [dB/m] | [dB/ft.] | |
| 1.0 | - 0.25 | - 0.076 | 719 |
| 3.0 | - 0.45 | - 0.136 | 423 |
| 6.0 | - 0.65 | - 0.199 | 305 |
| 10.0 | - 0.87 | - 0.266 | 240 |
| 12.0 | - 0.97 | - 0.295 | 221 |
| 18.0 | - 1.23 | - 0.375 | 184 |
| 26.5 | - 1.55 | - 0.473 | 155 |