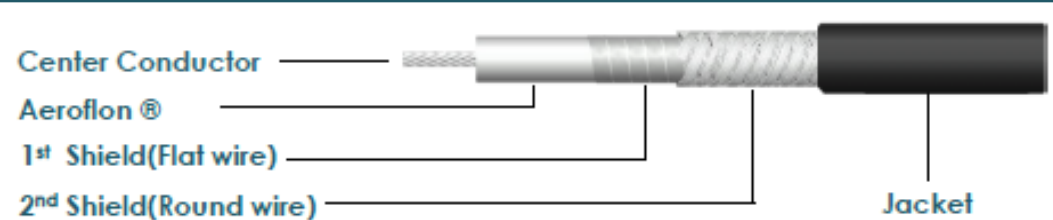


13S26 (DC ~ 26.5GHz)

Construction



Center Conductor
Aeroflon ®
1st Shield (Flat wire)
2nd Shield (Round wire)
Jacket

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 26.5 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. @26.5GHz
Loss Stability vs. Flexure	Δ 0.1dB to 26.5GHz
Available Connector	3P5 / HFSMA

Connector 1	3P5MST
Connector 2	3P5MST
Insertion Loss Typ. (@ Max Freq.)	1.75 dB/m
Insertion Loss Guarantee (@ Max Freq.)	1.91 dB/m

Microwave Cable

DC ~ 26.5GHz phase stable cable