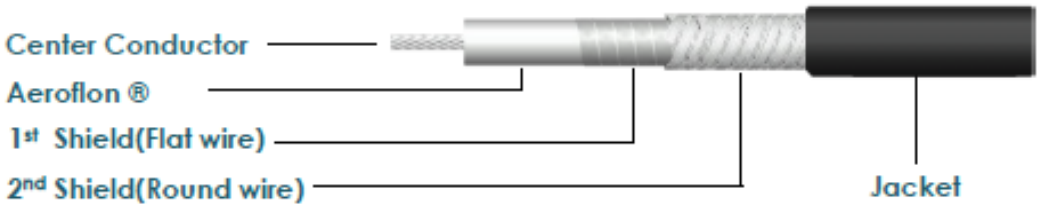


11S33 (DC ~ 33GHz)

Construction



Part	Material	Diameter	
1	Center Conductor	Silver Plated Copper [Stranded]	Φ 19 / 0.225 [mm] Φ 19 / 0.0088 [inch]
2	Dielectric	Aeroflon ® [Extruded]	
3	1 st / 2 nd Shield	Silver Plated Copper	
4	Jacket	High Temperature Resin	Φ 5.30 ± 0.1 [mm] Φ 0.204 ± 0.003 [inch]

Electrical & Mechanical specification

Characteristic Impedance	50 ± 1 Ω
Operating Frequency	DC to 33 GHz
Temperature	-50 °C ~ +135 °C
Velocity of Propagation	77% nominal
Minimum Bend Radius	25 mm / 0.98 inch
Weight [g/m]	52.9
Shielding Effectiveness	<-100 dB
Phase Stability vs. Flexure	10° max. @33GHz
Loss Stability vs. Flexure	Δ 0.1dB to 33GHz
Available Connector	HFSMA

Connector 1	HFSMAMST
Connector 2	HFSMAMST
Insertion Loss Typ. (@ Max Freq.)	2.20 dB/m
Insertion Loss (@ Max Freq.)	2.40 dB/m

Microwave Cable

DC ~ 33GHz phase stable cable