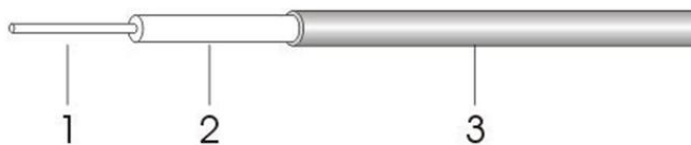


Semi-Rigid Cable

Part number: SY-119-SS



Construction Specification

	Material	Diameter(mm)
1.Inner Conductor	Stainless steel (SUS304)	0.29
2.Dielectric	PTFE	0.94
3.Outer Conductor	Stainless steel (SUS304)	1.19

Electrical Characteristics

Capacitance(PF/m)	95.1
Impedance(ohm)	50±2.5
Corona Extinction Voltage(VRMS@60Hz)	1000
Voltage Withstanding (VRMS@60Hz)	2000
Moding Frequency(GHz)	109
Capacitance (Average) [pF/m]	95.6

Mechanical Characteristics

Min.Inside Bend Radius(mm)	6.4
Max. operating temperature[°C]	125
Average weight[g/m]	5.2
Max. length[m]	2.0

Attenuation & Average Power @ 20°C and Sea Level

Frequency(GHz)	Attenuation (dB/1m)	Power (Watts)
0.5	2.85	13.3
1.0	4.12	9.4
5.0	16.30	4.2
10.0	23.00	2.9
20.0	32.70	2.1