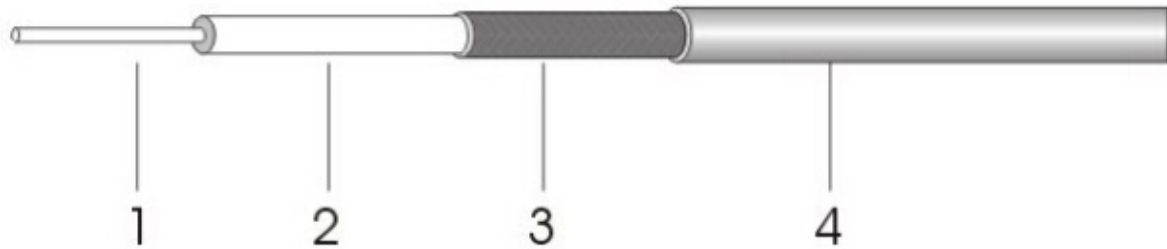


Semi-Flexible Cable 670-047 SXE



Construction Specification

Item	Material	Diameter(mm)
1. Inner Conductor	Silver Plated Copper Clad Steel	0.31
2. Dielectric	PTFE	0.94
3. Outer Conductor	Tin Soaked Copper Braid	1.19
4. Jacket	FEP	1.65

Electrical Characteristics

Capacitance(pF/m)	95
Impedance(ohm)	50
Velocity of Propagation(%)	70
Cutoff frequency(GHz)	109
Time Delay(ns/m)	4.7
Max Operating Voltage(kVrms)	1.5
Shielding Effectiveness up to 18GHz(dB)	100

Mechanical and Environmental Characteristics

Min. Bending Radius Static(mm)	4
Min. Bending Radius Repeated(mm)	20
Operating Temp.(°C)	-55 to +125

Attenuation& Average Power @ 20°C at Sea Level

Frequency(GHz)	Attenuation(dB/m)	Power(CW)
0.5	0.79	62.2
1.0	1.12	43.7
3.0	2.18	24.8
5.0	2.58	19.1
10.0	3.73	13.3
20.0	5.44	9.2