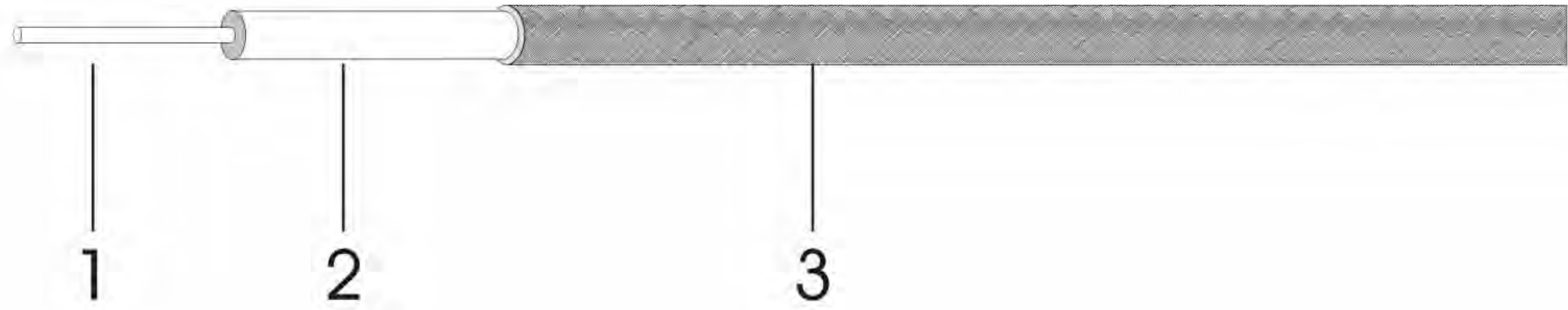


670-047

**Construction Specification**

	Material	Diameter(mm)
1. Inner Conductor	Silver Plated Copper Clad Steel	0.29
2. Dielectric	PTFE	0.94
3. Outer Conductor	Tin Soaked Copper Braid	1.19

Electrical Characteristics

Capacitance(pF/m)	95
Impedance(ohm)	50
Velocity of Propagation(%)	69.5
Operating Frequency(GHz)	109
Time Delay(ns/m)	4.7
Max. Operating Voltage(kVrms)	1.5
Min. Screening Effectiveness up to 18GHz(dB)	100

Mechanical Characteristics

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

Attenuation & Average Power @ 20°C and Sea Level (Nominal)

Frequency(GHz)	Attenuation (dB/100m)	Power(Watts CW)
0.5	79.0	62.2
1.0	112.0	43.7
5.0	258.0	19.1
10.0	373.0	13.3
20.0	544.0	9.2