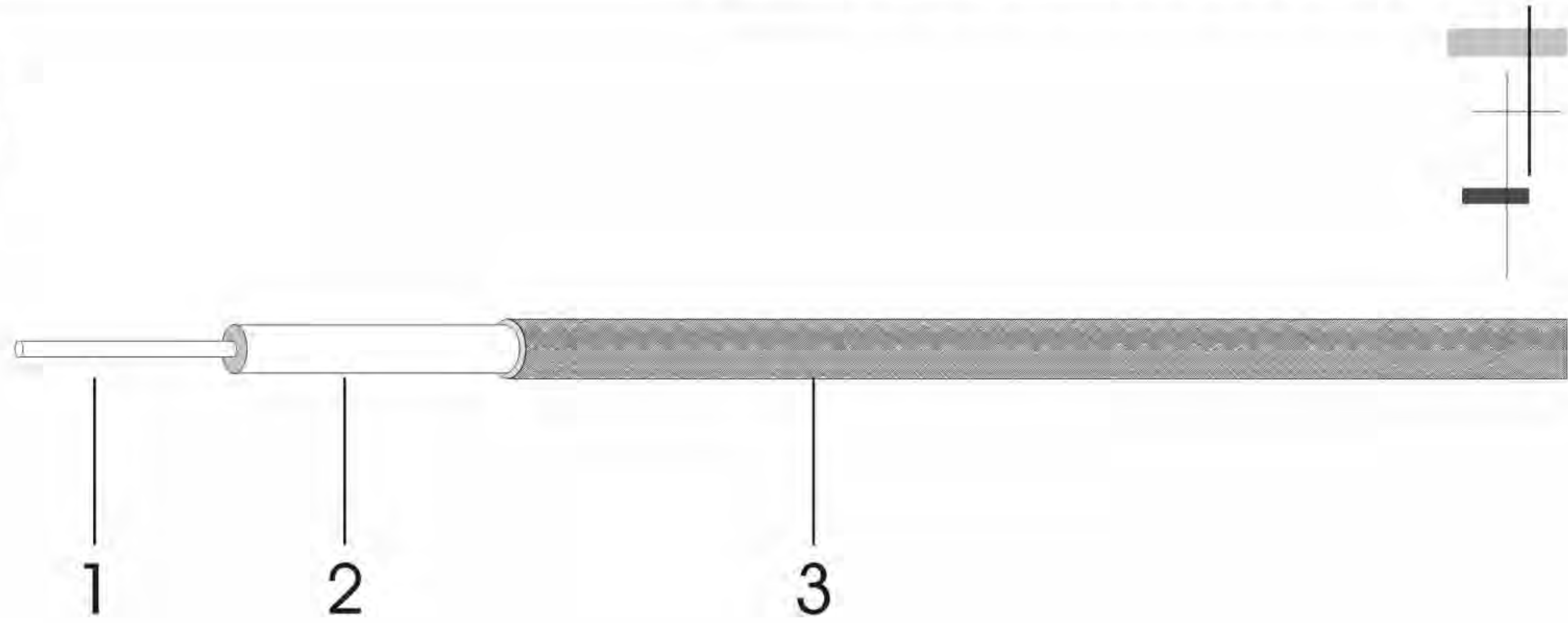


670-141

**Construction Specification**

	Material	Diameter(mm)
1. Inner Conductor	Silver Plated Copper Clad Steel Silver Plated Copper	0.94
2. Dielectric	PTFE	3.00
3. Outer Conductor	Tin Soaked Copper Braid	3.52

Electrical Characteristics

Capacitance(pF/m)	95.1
Impedance(ohm)	50
Velocity of Propagation(%)	70
Operating Frequency(GHz)	34
Time Delay(ns/m)	4.7
Max. Operating Voltage(kVrms)	1.9
Min. Screening Effectiveness up to 18GHz(dB)	100

Mechanical Characteristics

Min. Bending Radius Static(mm)	8
Min. Bending Radius Repeated(mm)	40
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	26.0	436.5
1.0	39.0	303.4
5.0	92.0	126.7
10.0	138.0	85.5
20.0	210.0	56.6