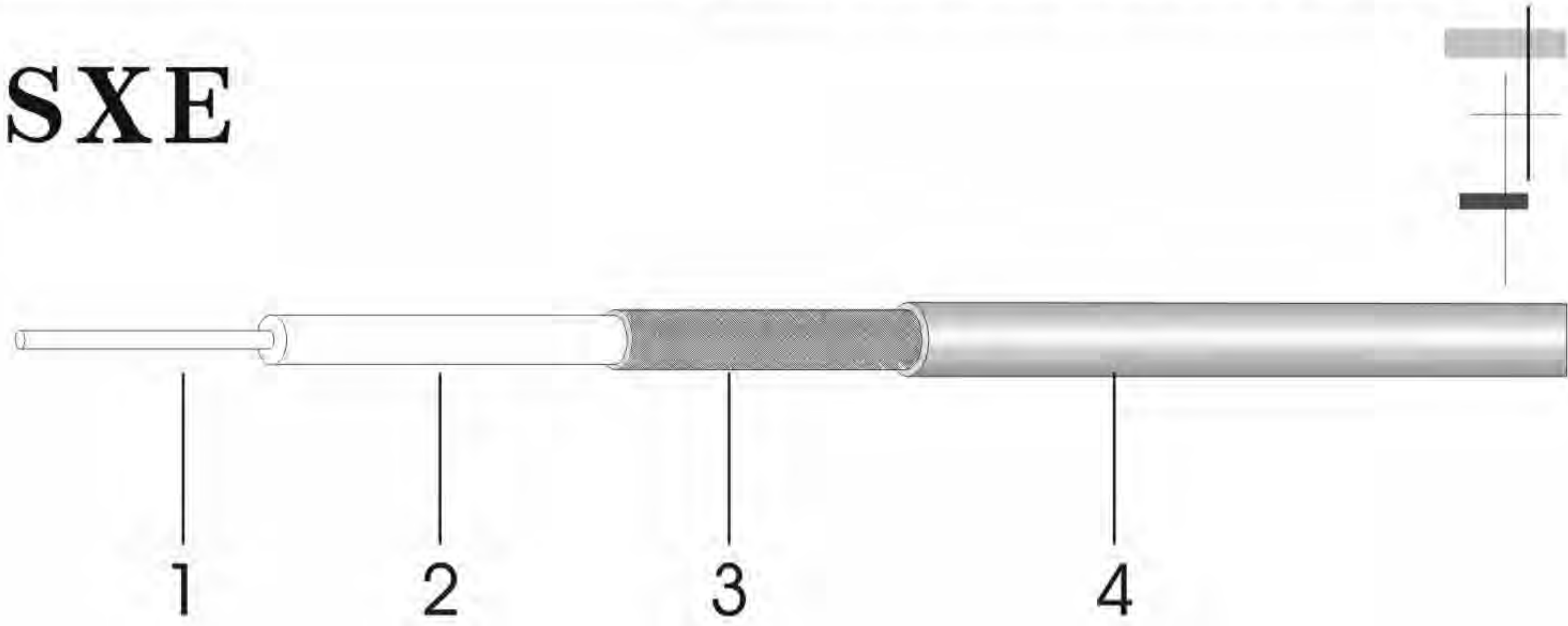


670-141 SXE



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
4. Jacket	FEP	4.10

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