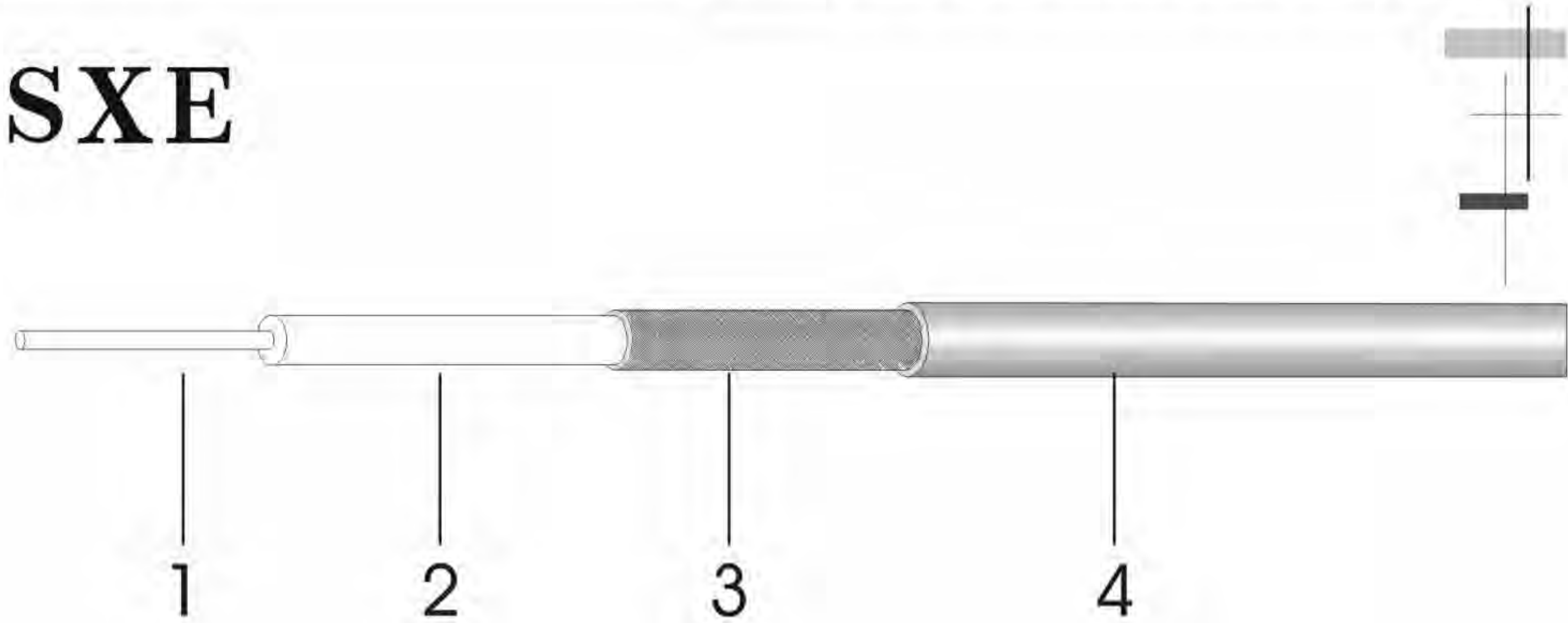


670-160 SXE**Construction Specification**

| | Material | Diameter(mm) |
|--------------------|---|--------------|
| 1. Inner Conductor | Silver Plated Copper Clad Steel Silver Plated Copper | 1.08 |
| 2. Dielectric | PTFE | 3.50 |
| 3. Outer Conductor | Tin Soaked Copper Braid | 4.10 |
| 4. Jacket | FEP | 4.70 |

Electrical Characteristics

| | |
|--|------|
| Capacitance(pF/m) | 95.1 |
| Impedance(ohm) | 50 |
| Velocity of Propagation(%) | 70 |
| Operating Frequency(GHz) | 30 |
| Time Delay(ns/m) | 4.7 |
| Max. Operating Voltage(kVrms) | 2.1 |
| Min. Screening Effectiveness up to 18GHz(dB) | 100 |

Mechanical Characteristics

| | |
|----------------------------------|------------|
| Min. Bending Radius Static(mm) | 10 |
| 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) |
|----------------|-----------------------|
| 0.5 | 23.0 |
| 1.0 | 34.0 |
| 5.0 | 86.0 |
| 10.0 | 133.0 |
| 18.0 | 195.0 |