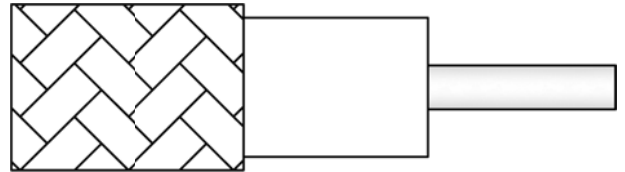


Description

0.141" Semi-Flexible Coaxial Cable.



Construction

| | Material | Diameter (mm) |
|-------------------------|----------|---------------|
| Center Conductor | SPC | 0.94 |
| Dielectric | PTFE | 2.98 |
| Outer Conductor | TSCB | 3.55 |

SPC: Silver Plated Copper

PTFE: Polytetrafluoroethylene

TSCB: Tin Soaked Copper Braid

Technical Data

Electrical Data: (Nominal)

| | |
|--------------------------------|------------------|
| Impedance | 50Ω |
| Operating Frequency | 20 GHz |
| Capacitance | 98 pF/M |
| Insulation Resistance | 1500 MΩ-KM |
| Velocity of Signal Propagation | 70% |
| Signal Delay | 4.7 ns/m |
| Voltage Withstand (AC) | 3000 V rms. Min. |
| Cutoff Frequency | 34 GHz |

Mechanical Data :

| | |
|-----------------------|-------------------------------------|
| Max. Tensile Strength | 12 KGS |
| Min. Bending Radius | 8.0 mm (Static) 40 mm (Repeated) |

Environmental Data :

| | |
|--------------------|---------------|
| Temperature Range | -65 to 150 °C |
| 2011/65/EU (RoHS2) | Compliant |

Attenuation

| Frequency (MHz) | Attenuation (dB/M) | Power (Watts CW) |
|-----------------|--------------------|------------------|
| 500 | 0.27 | 790 |
| 1000 | 0.41 | 526 |
| 2000 | 0.62 | 351 |
| 3000 | 0.78 | 277 |
| 5000 | 1.05 | 205 |
| 8000 | 1.39 | 156 |
| 10000 | 1.58 | 137 |
| 15000 | 2.00 | 108 |
| 18000 | 2.22 | 97 |

Misc. Information

| | |
|---------|------------|
| Weight | 41 g/M |
| Marking | None |
| Package | 200 M/Reel |