



CONSTRUCTION

Signal Conductor: 0.287+/-0.0025mm (0.0113+/-0.0001"), Silver Plated Copper per ASTM B-298
 Insulation: PFA per applicable paragraph MIL-DTL-17, 0.92+/-0.025mm (0.0363+/-0.001") OD
 Inner Shield: Helically Overlapped Flat Silver Plated Copper per ASTM B-298
 Braid Shield: 46 AWG Silver Plated Copper per ASTM B-298, >89% Coverage Ref.
 Overall Shield Diameter: 1.168+/-0.05mm (0.046+/-0.002")
 Jacket: FEP in accordance with MIL-DTL-17, Type IX
 Wall Thickness: 0.127mm (0.005")
 Color: Blue

ELECTRICAL

Impedance: 50+/-1 ohms
 Velocity Of Propagation: 70% Ref.
 Capacitance: 29 pF/ft (95 pF/m) Ref.

GENERAL

Temperature Rating: -65C to 150C (200C Static) Ref.
 Static Bend Radius: 5.0mm (0.2") Ref.
 Dynamic Bend Radius: 10.0mm (0.4") Ref.
 Weight: 3.5 lbs/1000ft Ref.

| Frequency (GHz) | Attenuation (dB/100ft) |
|------------------------------|------------------------|
| 0.5 | 23.37 |
| 1.0 | 33.54 |
| 2 | 48.41 |
| 4 | 70.42 |
| 8 | 103.50 |
| 12 | 130.43 |
| 18 | 165.27 |
| 26 | 205.90 |
| 34 | 242.57 |
| 40 | 268.31 |
| 50 | 308.79 |
| Att.=K1*SQRT(F MHz)+K2*F MHz | |
| K1=1.008 | K2=0.00167 |

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| | A | 4019 | Update Primary Insulation P/N. | KP | 9/10/14 |
| | B | 4634 | Update Dimensions, Opt. Temp., Add Attenuation Chart | KP | 9/1/15 |