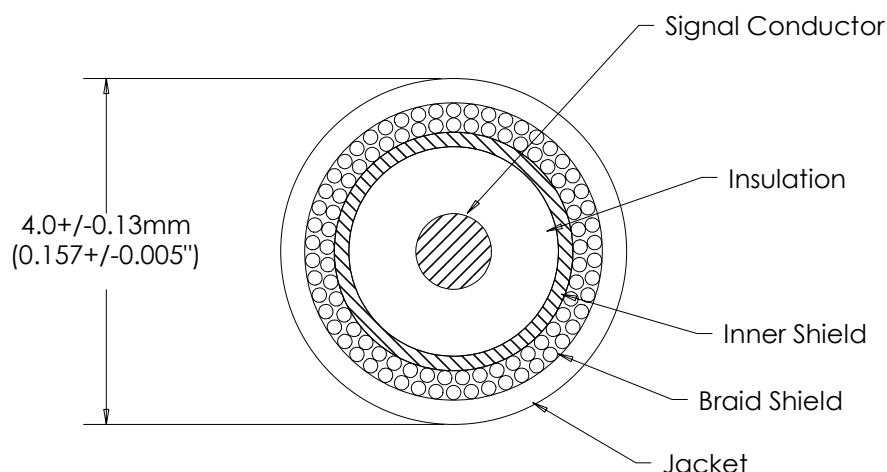


**CONSTRUCTION**

Signal Conductor: 0.036"+/-0.0003" (0.91+/-0.0076mm), Silver Plated Copper per ASTM B-298

Insulation: FEP per applicable paragraph MIL-DTL-17, 0.117"+/-0.0015" (3.0+/-0.05mm) OD

Inner Shield: Helically Overlapped Flat Silver Plated Copper per ASTM B-298

Braid Shield: 40 AWG Silver Plated Copper per ASTM B-298, >85% Coverage

Overall Shield Diameter: 0.138"+/-0.002" (3.5+/-0.05mm)

Jacket: FEP in accordance with MIL-DTL-17, Type IX

Wall Thickness: 0.011" (0.28mm)

Color: Blue

ELECTRICAL

Impedance: 50+/-1 ohms

Velocity of Propagation: 70%

Capacitance: 29.0 pF/ft (95 pF/m)

GENERAL

Temperature Rating: -65C to 165C

Static Bend Radius: 0.5" (12.7mm)

Dynamic Bend Radius: 1.0" (25.4mm)

Weight: 28.0 lbs/1000 ft

Freq (GHz)	Attenuation (dB/100ft)	Avg Power (W)
0.5	8	400
1	12	270
2	19	180
4	29	120
8	45	80
12	58	62
18	76	47



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Rev**DCR****Description****App'd****Date**

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2974

Update Spec. Template.
Add Patent # to General Notes.

KP

6/13/12

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3335

Braid Shield P/N Change.

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4/2/13

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3428

Remove Patent # from General Notes.

J Sanyal

7/8/13