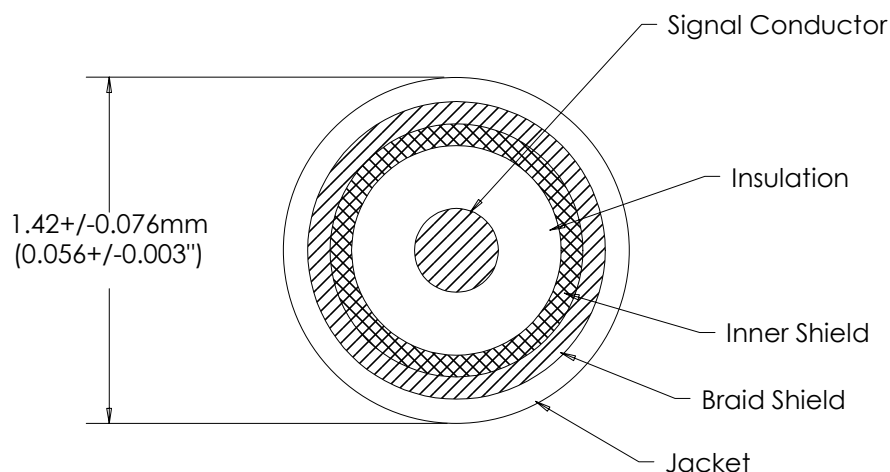


**CONSTRUCTION**

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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Rev

DCR

Description

App'd

Date

A

4019

Update Primary Insulation P/N.

KP

9/10/14

B

4634

Update Dimensions, Opt. Temp., Add Attenuation Chart

KP

9/1/15