

**CONSTRUCTION**

Signal Conductor: 0.0113"+/-0.0001" (0.287+/-0.0025mm), Silver Plated Copper per ASTM B-298

Insulation: FEP per applicable paragraph MIL-DTL-17, 0.0363"+/-0.001" (0.92+/-0.025mm) 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: 0.046"+/-0.002 (1.168+/-0.05mm)

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

Wall Thickness: 0.005" (0.127mm)

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 165C (200C Static) Ref.

Static Bend Radius: 0.2" (5.0mm) Ref.

Dynamic Bend Radius: 0.4" (10.0mm) Ref.

Weight: 3.5 lbs/1000ft Ref.

Freq (GHz)	Attenuation (dB/100 ft)	Avg Power (W)
0.5	25	61
1	35	43
2	52	30
4	80	20
8	120	13
12	140	10
18	180	8



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Rev

DCR

Description

App'd

Date

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4600

Update Spec Format.

KP

8/18/15

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4650

Update to New SAP P/N.

KP

9/8/15