



CONSTRUCTION

Signal Conductor: 0.0113" +/- 0.0001" (0.29 +/- 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
 Overall Shield Diameter: 0.046" +/- 0.002 (1.12 +/- 0.05mm)
 Jacket: FEP in accordance with MIL-DTL-17, Type IX
 Wall Thickness: 0.005" (0.127mm)
 Color: Blue

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

ELECTRICAL

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

GENERAL

Temperature Rating: -65C to 165C
 Static Bend Radius: 0.2" (5.0mm)
 Dynamic Bend Radius: 0.4" (10.0mm)
 Weight: 3.5 lbs/1000ft



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	5	2904	Braid Shield to 46/6SH.	KP	3/22/12
	5	2938	Add Patent # to General Notes.	KP	4/26/12
	6	3330	Braid Shield P/N Change.	KP	4/2/13
	6	3431	Remove Patent # from General Notes.	J Sanyal	7/8/13