



**CONSTRUCTION**

Signal Conductor: 0.0145" +/- 0.0005" (0.37 +/- 0.0135mm), Silver Plated Copper per ASTM B-298  
 Insulation: FEP per applicable paragraph MIL-DTL-17, 0.0365" +/- 0.001" (0.935 +/- 0.025mm) OD  
 Inner Shield: Helically Overlapped Flat Silver Plated Copper per ASTM B-298  
 Braid Shield: Flat Silver Plated Copper per ASTM B-298, >85% Coverage  
 Overall Shield Diameter: 0.046" +/- 0.002 (1.12 +/- 0.05mm)  
 Jacket: Polyurethane (85A durometer)  
 Wall Thickness: 0.005" (0.127mm)  
 Color: Black

**ELECTRICAL**

Impedance: 50 +/- 1 ohms  
 Propagation Delay: 1.180 ns/ft  
 Velocity Of Propagation: 85%  
 Capacitance: 23.5 pF/ft (77 pF/m)

**GENERAL**

Temperature Rating: -45C to 80C  
 Static Bend Radius: TBD  
 Dynamic Bend Radius: TBD  
 Weight: TBD  
 Patent Pending



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	X2	2159	Propagation Delay Correction	KP	3/17/10
	X3	2441	Braid and Flat Shield Raw Material Part # Change. See Attached.	KP	1/7/11