



**NOTES**

Signal Conductor: 0.0126" +/- 0.0001" (0.32 +/- 0.0025mm), Silver Plated Copper  
 Dual Monofilaments: PFA, Blue  
 Setup: Dual monofilaments twisted in a Pair and helically wrapped around Signal Conductor  
 Core Tube: PFA, 0.0323" +/- 0.0005" (0.82 +/- 0.013mm) OD  
 Inner Shield: Helically Overlapped Flat Silver Plated Copper  
 Braid Shield: 42 AWG SPC, >90% Coverage  
 Overall Shield Diameter: 0.046" +/- 0.002 (1.17 +/- 0.05mm)  
 Jacket: FEP, 0.005" (0.127mm) Wall Thickness  
 Color: Black Tint

Frequency (GHz)	Attenuation (dB/ft)
0.5	0.22
1.0	0.31
2	0.46
4	0.64
8	0.92
12	1.15
18	1.43
26	1.74
40	2.20
50	2.48

**ELECTRICAL**

Impedance: 50 +/- 1 ohms  
 Velocity Of Propagation: 87% Ref.  
 Capacitance: 23 pF/ft (75.5 pF/m) Ref.

**GENERAL**

Static Bend Radius: 0.30" (7.62mm) Ref.  
 Dynamic Bend Radius: 0.60" (15.24mm) Ref.  
 Weight: 3.7 lbs/kft (5.5 kg/km) Ref.

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	A	4451	Preliminary Release.	KP	5/7/15