



CONSTRUCTION

Signal Conductor: 0.574±0.0051mm (0.0226±0.0002"), Silver Plated Copper per ASTM B-298
 Insulation: Foamed Fluoropolymer, 1.615±0.0254mm (0.0636±0.0010") OD
 Inner Shield: Helically Overlapped Flat Silver Plated Copper per ASTM B-298
 Braid Shield: 40 AWG Silver Plated Copper per ASTM B-298, >90% Coverage Ref.
 Overall Shield Diameter: 2.108±0.076mm (0.083±0.003")
 Jacket: FEP in accordance with MIL-DTL-17, Type IX
 Wall Thickness: 0.216mm (0.0085")
 Color: Blue (Tint)

ELECTRICAL

Impedance: 50±1 ohms
 Propagation Delay: 4.216±0.033 ns/m (1.285±0.010 ns/ft)
 Velocity of Propagation: 79.4% Ref.
 Capacitance: 83.37 pF/m (25.59 pF/ft) Ref.

MECHANICAL

Operating Temperature: -65°C to 150°C Ref.
 Min. Static Bend Radius: 8.89mm (0.35") Ref.

Freq (GHz)	Max. Attenuation* (dB/100 ft)	Max. Power* (CW)
1	19.67	135.7
2	28.34	94.2
4	41.12	64.9
8	60.24	44.3
12	75.75	35.2
18	95.72	27.9
26.5	120.30	22.2
34	139.82	19.1
40	154.44	17.3
50	177.38	15.0
Attn=K1 x SQRT(F MHz)+K2 x(F MHz)		
K1=0.5937		K2=0.000892
* 23°C and Sea Level		



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	F	5564	Updated Max Power Table.	KP	6/8/18
	G	5679	Updated Prop Delay Value.	KP	2/19/19