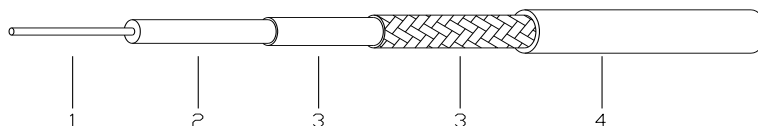


EP135



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	0.932	0.037
2. Dielectric	LD PTFE	2.75	0.108
3. Outer Conductor	Bonded Aluminum Foil + Silver Plated Copper	3.3	0.117
4. Jacket	Blue FEP	3.8	0.149

Electrical Characteristics

Impedance	50 ohm
Capacitance	85.5 pF/m 28.07 pF/Ft
Velocity of Propagation	77%
Operating Frequency	40 GHz

Mechanical Characteristics

Cable Minimum Static Bend Radius	15 mm 0.59 inch
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Environmental Characteristics

Operating Temp(°C)	-65~+165
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Attenuation & Average Power @ 20°C and Seal Leavel

Frequency(GHz)	Attenuation	
	dB/1m	dB/1Ft
0.5	0.29	0.09
1	0.37	0.11
3	0.65	0.20
4	0.78	0.24
6	0.96	0.29
8	1.13	0.34
10	1.28	0.39
12	1.39	0.42
15	1.58	0.48
18	1.78	0.54
26.5	2.35	0.72
40	3.10	0.95