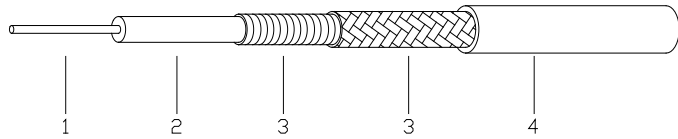


PLEX135



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	0.81	0.032
2. Dielectric	LD PTFE	2.25	0.089
3. Outer Conductor	Spiral Wrapped Silver Plated Copper	2.90	0.114
	Tape+ Silver Plated Copper Braid		
4. Jacket	Gray FEP	3.50	0.138

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	83%
Operation frequency	50GHz
Voltage Withstand (V.DC)	800 V
Shielding Effectiveness	90 dB

Mechanical Characteristics

Min.Bending Radius (mm)	17
Weight	33g/m

Environmental Characteristics

Operating Temp(°C)	-55~+125
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Attenuation & Average Power @ 20°C and Seal Level

Frequency(GHz)	Attenuation		Avg.Power (W)
	dB/1m	dB/1Ft	
0.3	0.21	0.06	2989
1.0	0.39	0.12	450
2	0.55	0.17	300
4	0.8	0.24	225
6	0.99	0.30	175
8	1.16	0.35	150
10	1.32	0.40	140
12	1.46	0.44	120
14	1.59	0.48	110
18	1.83	0.56	100
26.5	2.3	0.70	79
40	2.92	0.89	60
50	3.34	1.02	50