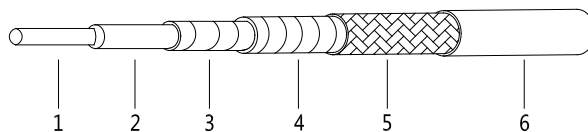


PLEX130P



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	0.72	0.0283
2. Dielectric	LD PTFE	2.15	0.0846
3. Outer Conductor	Silver Wrapped Silver Plated Copper Tape	2.3	0.0906
4. Interlayer	Composite materials	2.7	0.1063
5. Outer shields	Silver Plated Copper Braid	3.15	0.1240
6. Jacket	Blue FEP	3.6	0.1417

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	74%
Operation Frequency (GHz)	50 GHz
Dielectric withstanding voltage	1000 VRMS
Shielding Effectiveness	90 dB

Mechanical Characteristics

Min.Bending Radius (mm)	18
Cable Minimum Dynamic Bend Radius(mm)	36
Weight	34 g/m

Environmental Characteristics

Operating Temp(°C)	-55~+165
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Attenuation & Average Power @ 20°C and Seal Leavel

Frequency(GHz)	Attenuation		Avg.Power (W)
	dB/1m	dB/1Ft	
1.0	0.438	0.13	409
2.0	0.622	0.19	288
4.0	0.885	0.27	202
6.0	1.088	0.33	165
8.0	1.261	0.38	142
10.0	1.415	0.43	127
12.0	1.554	0.47	115
16.0	1.804	0.55	99
18.0	1.918	0.58	93
40.0	2.917	0.89	61
50.0	3.285	1.00	55