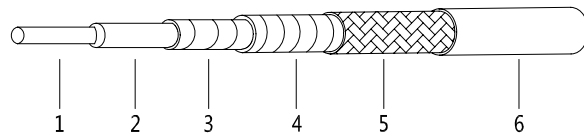


Plex-130P



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	0.72	0.028
2. Dielectric	LD PTFE	2.21	0.087
3. Outer Conductor	Spiral Wrapped Silver Plated Copper Tape	2.38	0.094
4. Interlayer	PTFE	2.68	0.106
5. Outer shields	Silver Plated Copper Braid	3.14	0.124
6. Jacket	Bule FEP	3.60	0.142

Electrical Characteristics

Impedance	50 Ohms
Velocity of Propagation	74%
Shielding Effectivene	>90 dB
Cut-off Frequency	40 GHz
Dielectric withstanding voltage	1000 VRMS

Mechanical Characteristics

Cable Minimum Static Bend Radius	14 mm	.551 inch
Cable Minimum Dynamic Bend Radius	36 mm	1.42 inch
Weight	34 g/m	0.024 lbs/ft

Environmental Characteristics

Operating Temp(°C)	-55 to +165
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Attenuation & Average Power @ 25°C and Seal Leavel

Frequency(GHz)	Attenuation		Power(Watts CW)
	dB/100 m	dB/100 Ft	
1.0	43.8	13.36	409
2.0	62.2	18.97	288
4.0	88.5	26.99	202
6.0	108.8	33.18	165
8.0	126.1	38.46	142
10.0	141.5	43.16	127
12.0	155.4	47.40	115
14.0	168.3	51.33	106
18.0	191.8	58.50	93
26.5	234.8	71.61	76
40.0	291.7	88.97	61