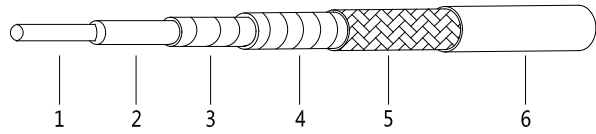


PLEX150P



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	1.02	0.040
2. Dielectric	LD PTFE	2.85	0.112
3. Outer Conductor	Spiral Wrapped Silver Plated Copper Tape	3.06	0.120
4. Interlayer	PTFE	3.22	0.127
5. Outer shields	Silver Plated Copper Braid	3.67	0.144
6. Jacket	Gray FEP	3.80	0.150

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	81%
Operation Frequency (GHz)	40 GHz
Voltage Withstand (V.DC)	1000 V
Capacitance	82 pF/m
Shielding Effectiveness	90 dB

Mechanical Characteristics

Min. Bending Radius (mm)	18
Cable Minimum Dynamic Bend Radius (mm)	36
Weight	37 g/m

Environmental Characteristics

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

Frequency (GHz)	Attenuation		Avg. Power (W)
	dB/1m	dB/1Ft	
0.3	0.173	0.05	940
1.0	0.319	0.10	511
2	0.455	0.14	359
4	0.649	0.20	251
6	0.801	0.24	203
8	0.931	0.28	175
10	1.047	0.32	156
12	1.153	0.35	141
14	1.251	0.38	130
18	1.430	0.44	114
26.5	1.761	0.54	93
40	2.205	0.67	74