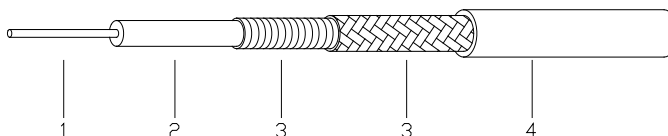


PLEX310



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	2.30	0.091
2. Dielectric	LD PTFE	6.20	0.244
3. Outer Conductor	Spiral Wrapped Silver Plated Copper	6.93	0.273
	Tape+ Silver Plated Copper Braid		
4. Jacket	Gray FEP	7.80	0.307

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	83%
Operation frequency	19 GHz
Voltage Withstand (V.DC)	2000 V
Shielding Effectiveness	90 dB

Mechanical Characteristics

Min.Bending Radius (mm)	35
Weight	130g/m

Environmental Characteristics

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

Frequency(GHz)	Attenuation		Avg.Power (W)
	dB/1m	dB/1Ft	
0.3	0.084	0.03	3300
1.0	0.155	0.05	1798
2	0.22	0.07	1265
4	0.313	0.10	889
6	0.385	0.12	722
8	0.446	0.14	622
10	0.501	0.15	555
12	0.551	0.17	505
14	0.597	0.18	466
16	0.64	0.19	434
18	0.68	0.21	408