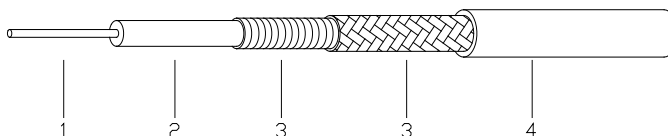


PLEX310-lite



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper Clad Aluminum	2.30	0.091
2. Dielectric	LD PTFE	6.30	0.244
3. Outer Conductor	Spiral Wrapped Silver Plated Copper Tape +Silver Plated Copper Clad Aluminum	7.00	0.273
4. Jacket	eTFE	7.60	0.307

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	83%
Operation frequency	18 GHz
Shielding Effectiveness	100 dB

Mechanical Characteristics

Min.Bending Radius (mm)	40
Weight	80 g/m

Environmental Characteristics

Operating Temp(°C)	-65~+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	0.084	0.03	3300
1.0	0.155	0.05	1798
2	0.22	0.07	1265
4	0.313	0.10	889
6	0.370	0.11	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	0.66	0.20	408