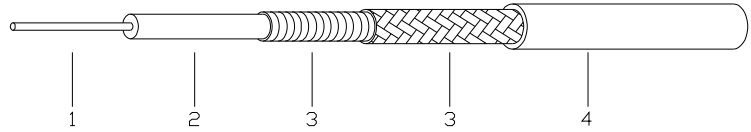


PLEX220



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	1.60	0.063
2. Dielectric	LD PTFE	4.30	0.169
3. Outer Conductor	Spiral Wrapped Silver Plated Copper Tape+Silver Plated Copper Braid	5.10	0.201
4. Jacket	Gray FEP	5.60	0.220

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	83%
Operation Frequency (GHz)	29 GHz
Voltage Withstand (V.DC)	1400 V
Capacitance	80 pF/m
Shielding Effectiveness	90 dB

Mechanical Characteristics

Min. Bending Radius (mm)	28
Cable Minimum Dynamic Bend Radius (mm)	56
Weight	95 g/m

Environmental Characteristics

Operating Temp(°C)	-65~+125
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Attenuation & Average Power @ 20°C and Seal Level

Frequency (GHz)	Attenuation		Avg. Power (W)
	dB/1m	dB/1ft	
0.3	0.113	0.03	2290
1.0	0.209	0.06	1239
2	0.298	0.09	867
4	0.428	0.13	604
6	0.53	0.16	487
8	0.618	0.19	418
10	0.697	0.21	371
12	0.769	0.23	336
14	0.837	0.25	309
16	0.900	0.27	287
18	0.96	0.29	269
26.5	1.191	0.36	217