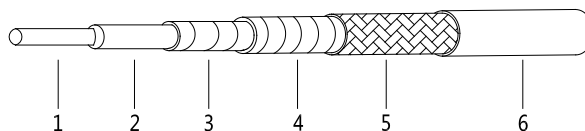


PLEX205P



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	1.29	0.051
2. Dielectric	LD PTFE	3.90	0.154
3.Outer Conductor	Sprial Wrapped Silver Plated Copper Tape	4.15	0.163
4. Interlayer	High temperature aluminum thin	4.28	0.169
5. Outer shields	Silver Plated Copper Braid	4.73	0.186
6. Jacket	FEP	5.20	0.205

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	76%
Operation Frequency (GHz)	26.5 GHz
Dielectric withstanding voltage	1500 VRMS
Shielding Effectiveness	100 dB

Mechanical Characteristics

Min.Bending Radius (mm)	25
Cable Minimum Dynamic Bend Radius(mm)	52
Weight	60 g/m

Environmental Characteristics

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

Frequency(GHz)	Attenuation		Avg.Power (W)
	dB/1m	dB/1Ft	
1.0	0.277	0.08	754
2.0	0.434	0.13	481
3.0	0.487	0.15	428
6.0	0.699	0.21	298
8.0	0.813	0.25	256
10.0	0.915	0.28	228
12.4	1.027	0.31	203
14.0	1.096	0.33	190
18.0	1.255	0.38	166