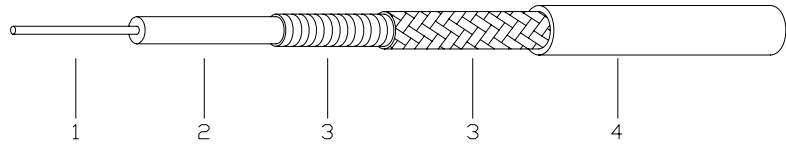


## Plex-210



### Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	1.45	0.057
2. Dielectric	LD PTFE	4.00	0.157
3. Outer Conductor	Spiral Wrapped Silver Plated Copper Tape+Silver Plated Copper Braid	4.70	0.185
4. Jacket	Gray FEP	5.20	0.205

### Electrical Characteristics

Impedance	50 Ohms
Capacitance	80 pF/m    24.5 pF/Ft
Inductance	0.31 uH/m    0.095 uH/Ft
Time Delay	4.02 nS/m    1.22 nS/Ft
Velocity of Propagation	83%
Shielding Effectiveness	>90 dB
Cut-off Frequency	29 GHz
Dielectric withstanding voltage	1500 VRMS
Peak Power Rating	5.6 KW

### Mechanical Characteristics

Cable Minimum Static Bend Radius(mm)	20	0.787
Cable Minimum Dynamic Bend Radius(mm)	52	2.05
Weight	50 g/m	0.034 lbs/ft

### Environmental Characteristics

Operating Temp(°C)	-55 to +165
--------------------	-------------

### Attenuation & Average Power @ 25°C and Seal Level

Frequency(GHz)	Attenuation		Power(Watts CW)
	dB/100 m	dB/100 Ft	
0.5	16.17	4.93	1243
1.0	22.96	7.00	875
3.0	40.18	12.25	500
5.0	52.25	15.93	385
10.0	74.85	22.82	268
12.4	83.76	25.54	240
18.0	101.92	31.07	197
26.5	125.20	38.17	160