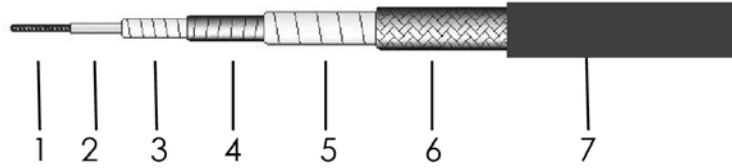


PLEX216S



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper(19 Stranded)	1.44	0.0567
2. Inner Jacket	FEP	1.60	0.0630
3. Dielectric	LD PTFE	3.85	0.1516
4. Outer Conductor	Silver Plated Copper Foil	4.05	0.1594
5. Middle Jacket	PTFE	4.21	0.1657
6. Outer Conductor	Silver Plated Copper Braid	4.61	0.1815
7. Jacket	Green PUR	5.50	0.2165

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	83%
Cutoff frequency	26.5 GHz
Max.Operating Voltage	1500 Vrms
Shielding Effectiveness	90 dB

Mechanical Characteristics

Min.Bending Radius Static (mm)	28
Min.Bending Radius Repeated(mm)	55
Weight(g/m)	45

Environmental Characteristics

Operating Temperature Range(°C)	-55~+85
Storage Temperature Range(°C)	-65~+85

Attenuation & Average Power @ 20°C and Seal Level

Frequency(MHz)	Attenuation		Power(Watts CW)
	dB/100m	dB/100Ft	
300	15.4	4.7	1250
1000	28.3	8.6	680
2000	40.2	12.3	478
4000	57.4	17.5	335
6000	70.7	21.6	272
8000	82.1	25	234
10000	92.3	28.1	208
12000	101.5	31	189
14000	110.1	33.6	175
18000	125.7	38.3	153
20000	132.9	40.5	145
26500	154.4	47.1	125