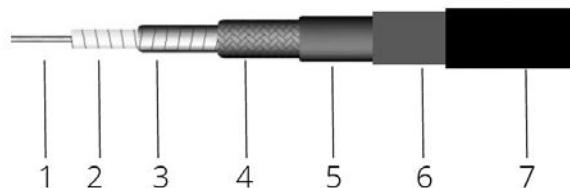


PLEX320VB



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	2.40	0.0945
2. Dielectric	LD PTFE	6.30	0.2480
3. Outer Conductor	Spiral Wrapped Silver Plated Copper Tape	6.53	0.2571
4. Outer shields	Silver Plated Copper Braid	7.13	0.2807
5. Middle Jacket	Gray FEP	8.10	0.3189
6. Vapor barrier	High temperature aluminum thin	8.20	0.3228
7. Jacket	Black PFA	8.50	0.3346

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	83%
Cutoff frequency	18 GHz
Voltage Withstand (V.DC)	3500
Shielding Effectiveness	90 dB

Mechanical Characteristics

Min.Bending Radius Static (mm)	40
Min.Bending Radius Repeated(mm)	80
Weight(g/m)	152

Environmental Characteristics

Operating Temperature Range(°C)	-55~+165
Storage Temperature Range(°C)	-65~+165

Attenuation & Average Power @ 20°C and Seal Leavel

Frequency(GHz)	Attenuation		Power(Watts CW)
	dB/100m	dB/100Ft	
0.3	7.7	2.34	3314
1.0	14.2	4.32	1803
2.0	20.2	6.15	1267
4.0	28.8	8.77	888
6.0	35.5	10.80	720
8.0	41.2	12.54	620
10.0	46.3	14.09	552
12.0	51	15.52	501
14.0	55.3	16.83	462
18.0	63.1	19.20	405