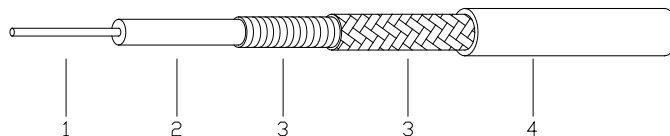


PLEX135VT



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	0.81	0.036
2. Dielectric	LD PTFE	2.25	0.098
3. Outer Conductor	Spiral Wrapped Silver Plated Copper	2.90	0.114
	Tape+ Silver Plated Copper Braid		
4. Jacket	Violet (PANTONE 2583C) FEP	3.50	0.142

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	82%
Capacitance	74 pF/m
Time Delay	3.97 nS/m
Operation frequency	50 GHz
Dielectric withstanding voltage	800 VRMS
Shielding Effectiveness	90 dB

Mechanical Characteristics

Min.Bending Radius (mm)	17
Cable Minimum Dynamic Bend Radius(mm)	35
Weight	33 g/m

Environmental Characteristics

Operating Temp(°C)	-65~+165
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Attenuation & Average Power @ 20°C and Seal Level

Frequency(GHz)	Attenuation		Avg.Power (W)
	dB/1m	dB/1Ft	
0.04	0.25	0.08	550
1.0	0.39	0.12	450
2.0	0.55	0.17	300
4.0	0.8	0.24	225
6.0	0.99	0.30	175
8.0	1.16	0.35	150
10.0	1.32	0.40	140
12.0	1.46	0.44	120
18.0	1.83	0.56	100
26.0	2.27	0.69	80
40.0	2.92	0.89	60
50.0	3.34	1.02	50