



LMR™ Plenum	195	200	240	300	400	500	600	900
Center Conductor	Solid BC	Solid BC	Solid BC	Solid BC	Solid BCCAI	Solid BCCAI	Solid BCCAI	BCTube
Dimension in. (mm)	.037 (.94)	.040 (1.02)	.051 (1.30)	.063 (1.60)	.095 (2.41)	.123 (3.12)	.150 (3.81)	.310 (7.87)
Dielectric	LD PTFE	LD PTFE	LD PTFE	LD PTFE	LD PTFE	LD PTFE	LD PTFE	LD PTFE
Outer Conductor	Al Tape	Al Tape	Al Tape	Al Tape	Al Tape	Al Tape	Al Tape	Al Tape
Braid	Tinned Cu	Tinned Cu	Tinned Cu	Tinned Cu	Tinned Cu	Tinned Cu	Tinned Cu	Tinned Cu
Jacket	FR-PVC	FR-PVC	FR-PVC	FR-PVC	FR-PVC	FR-PVC	FR-PVC	FR-PVC
Bend Rad. in. (mm)	0.5 (12.7)	0.5 (12.7)	0.75 (19.1)	0.875 (22.2)	1.0 (25.4)	1.25 (31.8)	1.50 (38.1)	6.0 (152.4)
Rptd Bend Rad. in. (mm)	2.0 (50.8)	2.0 (50.8)	2.5 (63.5)	3.0 (76.2)	4.0 (101.6)	5.0 (127.0)	6.0 (152.4)	12.0 (304.8)
Impedance	50	50	50	50	50	50	50	50
Velocity of Propagation	76%	76%	76%	76%	76%	76%	76%	76%
Capacitance (@1GHz)	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
Max Voltage vrms	1000	1000	1000	2000	2500	3000	4000	9000
Shielding (dB)	>90	>90	>90	>90	>90	>90	>90	>90
Temperature range °C	-5+75	-5+75	-5+75	-5+75	-5+75	-5+75	-5+75	-5+75
Cutoff Freq (GHz)	36	36	28	23	15	11.6	9.4	4.6
Attenuation (dB/100ft)								
150MHz	4.4	4.1	3.1	2.5	1.6	1.3	1.0	0.5
450MHz	7.8	7.1	5.4	4.3	2.8	2.2	1.8	1.0
900MHz	10.9	10.0	7.6	6.2	4.0	3.1	2.6	1.4
1800MHz	15.4	14.3	10.9	8.9	5.7	4.5	3.7	2.1
2500MHz	18.3	16.0	12.9	10.5	6.8	5.4	4.4	2.5
5800MHz	28.2	26.1	20.0	16.4	10.7	8.5	7.1	5.4
Power (kW)								
150MHz	0.31	0.34	0.52	0.77	1.48	2.21	3.08	10.17
450MHz	0.18	0.19	0.30	0.44	0.84	1.26	1.75	5.66
900MHz	0.12	0.14	0.21	0.31	0.59	0.88	1.22	3.86
1800MHz	0.09	0.10	0.15	0.21	0.41	0.61	0.84	2.60
2500MHz	0.07	0.08	0.12	0.18	0.34	0.51	0.70	2.15
5800MHz	0.05	0.05	0.08	0.11	0.22	0.32	0.44	0.77

ERROR: undefined
OFFENDING COMMAND:

STACK: