



LMR™	195	200	240	300	400	500	600	900
Center Conductor	Solid BCCS	Solid BC	Solid BC	Solid BC	Solid BCCAI	Solid BCCAI	Solid BCCAI	BCTube
Dimension in. (mm)	.037 (.94)	.044 (1.12)	.056 (1.42)	.070 (1.78)	.108 (2.74)	.142 (3.61)	.176 (4.47)	.262 (6.65)
Dielectric	Foam PE	Foam PE	Foam PE	Foam PE	Foam PE	Foam PE	Foam PE	Foam PE
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 / (options)	PE (d,f,r,p)	PE (d,f,r,p)	PE (d,f,r,p)	PE (d,f,r,p)	PE (d,f,r,p)	PE (d,f)	PE (d,f)	PE (d,f)
Bend Rad. in. (mm)	0.5 (12.7)	0.5 (12.7)	0.75 (19.1)	0.88 (22.2)	1.0 (25.4)	1.25 (31.8)	1.50 (38.1)	3.00 (76.2)
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)	9.0 (228.6)
Impedance	50	50	50	50	50	50	50	50
Velocity of Propagation	80%	83%	84%	85%	85%	86%	87%	87%
Capacitance (@1GHz)	24.3	24.5	24.2	24.1	23.9	23.6	23.4	23.4
Max Voltage vrms	1000	1000	1500	2000	2500	3000	4000	5000
Shielding (dB)	>90	>90	>90	>90	>90	>90	>90	>90
Temperature range °C	-40+85	-40+85	-40+85	-40+85	-40+85	-40+85	-40+85	-40+85
Cutoff Freq (GHz)	41	39	31	24.5	16.2	12.6	10.3	6.9
Attenuation (dB/100ft)								
150MHz	4.4	4.0	3.0	2.4	1.5	1.2	1.0	0.7
450MHz	7.8	7.0	5.3	4.2	2.7	2.2	1.7	1.2
900MHz	11.1	9.9	7.6	6.1	3.9	3.1	2.5	1.7
1800MHz	16	14.2	10.9	8.7	5.7	4.6	3.7	2.5
2500MHz	19	16.9	12.9	10.4	6.8	5.5	4.4	3.0
5800MHz	29.9	26.4	20.4	16.5	10.8	8.9	7.3	4.9
Power (kW)								
150MHz	0.39	0.45	0.66	0.92	1.5	1.93	2.4	3.89
450MHz	0.22	0.26	0.38	0.52	0.83	1.09	1.35	2.19
900MHz	0.15	0.18	0.26	0.36	0.58	0.75	0.93	1.51
1800MHz	0.11	0.13	0.18	0.25	0.40	0.52	0.63	1.03
2500MHz	0.09	0.11	0.15	0.21	0.33	0.43	0.52	0.86
5800MHz	0.06	0.07	0.10	0.13	0.21	0.26	0.32	0.52

ERROR: undefined
OFFENDING COMMAND:

STACK: