



LMR™ UltraFlex	195	200	240	300	400	500	600
Center Conductor	Stranded BC	Stranded BC	Stranded BC	Stranded BC	Stranded BC	Stranded BC	Stranded BC
Dimension in. (mm)	.038 (.97)	.044 (1.12)	.056 (1.42)	.070 (1.78)	.108 (2.74)	.142 (3.61)	.176 (4.47)
Dielectric	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
Braid	Tinned Cu	Tinned Cu	Tinned Cu	Tinned Cu	Tinned Cu	Tinned Cu	Tinned Cu
Jacket	TPE	TPE	TPE	TPE	TPE	TPE	TPE
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)
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)	3.0 (76.2)
Impedance	50	50	50	50	50	50	50
Velocity of Propagation	80%	83%	84%	85%	85%	85%	87%
Capacitance (@1GHz)	16.9	24.5	24.2	23.9	23.9	23.9	23.4
Max Voltage vrms	1000	1000	1500	2000	2500	2500	4000
Shielding (dB)	>90	>90	>90	>90	>90	>90	>90
Temperature range °C	-40+85	-40+85	-40+85	-40+85	-40+85	-40+85	-40+85
Cutoff Freq (GHz)	41	39	31	25	16.2	12	10
Attenuation (dB/100ft)							
150MHz	5.3	4.8	3.6	2.9	1.8	1.5	1.2
450MHz	9.3	8.3	6.3	5.1	3.3	2.6	2.1
900MHz	13.2	11.9	9.1	7.3	4.7	3.8	3.0
1800MHz	19.0	17.1	13.0	10.5	6.8	5.5	4.4
2500MHz	22.6	20.2	15.5	12.5	8.1	6.6	5.3
5800MHz	35.6	31.6	24.4	19.8	13.0	10.6	8.7
Power (kW)							
150MHz	0.35	0.42	0.55	0.77	1.22	1.61	2.00
450MHz	0.20	0.24	0.31	0.44	0.69	0.91	1.12
900MHz	0.14	0.17	0.22	0.30	0.48	0.63	0.77
1800MHz	0.09	0.12	0.15	0.21	0.33	0.43	0.52
2500MHz	0.08	0.10	0.13	0.18	0.28	0.36	0.43
5800MHz	0.05	0.06	0.08	0.11	0.17	0.22	0.26

ERROR: undefined
OFFENDING COMMAND:

STACK: