

LTR	DESCRIPTION	DATE	BY
-	Released	1/28/94	JCL
B	Upgraded UL/CSA to CMR/MPR (PCC-FT4)	2/26/99	JCL
C	Added MSHA to Legend	9/9/08	JCL

I. CONSTRUCTION

center conductor: Solid Bare Copper Clad Aluminum	.176 inches
dielectric: Gas Injected Foam Polyethylene	.455
shield: Aluminum-Polyester-Aluminum-Adhesive Tape	.461
: 33 GA Tinned Copper Braid (90%k)	.490
jacket: Black Low Smoke Low Toxicity FR Polyethylene	.590

II. ENVIRONMENTAL and MECHANICAL PROPERTIES

weight:	153 pounds per 1000 feet
operating temperature:	-40°C to +85°C
minimum bend radius:	1-1/2 inch
flame & smoke:	UL/CSA Rated 'CMR/MPR' (PCC-FT4) ; IEEE-383

III. ELECTRICAL PROPERTIES

impedance:	50 ohms
capacitance:	23.4 pF per foot
velocity:	87 %
attenuation @	30 MHz: 0.42 dB per 100 feet
(typical)	50 MHz: 0.55 dB
	150 MHz: 0.96 dB
	220 MHz: 1.18 dB
	450 MHz: 1.72 dB
	900 MHz: 2.50 dB
	1500 MHz: 3.31 dB
	2000 MHz: 3.90 dB
	2500 MHz: 4.42 dB

IV. NOTES

- 1) All tests performed in accordance with MIL-C-17 (current issue).
- 2) Rated for indoor and outdoor applications.

Unless otherwise specified, dimensions are in inches. Tolerances are applicable when specified.

These drawings and specifications contain proprietary information which is the property of Times Microwave Systems.

Approvals		
Drawn	JCL	1/28/94
Check		
Prj. Mgr.		
Prd. Mgr.		



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LMR-600-FR

MSHA Approved (P-07-KA070009-MSHA)
Low Loss Flame Retardant Coax

Size	CAGE CODE	Drawing No.:
A	68999	AA-8122

MI-54032	Scale: NA	Rev. (C)	Sheet: 1 of 1
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