

LTR	DESCRIPTION	DATE	BY
-	Released	1/28/94	JCL
A	Upgraded UL/CSA to CMR/MPR (PCC-FT4)	2/26/99	JCL

I. CONSTRUCTION

center conductor: Solid Bare Copper	.056 inches
dielectric: Gas Injected Foam Polyethylene	.150
shield: Aluminum-Polyester-Aluminum-Adhesive Tape	.155
: 36GA Tinned Copper Braid (90%k)	.178
jacket: Black Low Smoke Low Toxicity FR Polyethylene	.240

II. ENVIRONMENTAL and MECHANICAL PROPERTIES

weight:	46 pounds per 1000 feet
operating temperature:	-40°C to +85°C
minimum bend radius:	3/4 inch
flame & smoke:	UL/CSA Rated 'CMR/MPR' (PCC-FT4) ; IEEE-383 FAR Part 25, Para 25.853(b) and/or 25.1359(d)

III. ELECTRICAL PROPERTIES

impedance:	50 ohms
capacitance:	24.2 pF per foot
velocity:	84 %
attenuation @	30 MHz: 1.3 dB per 100 feet
(typical)	50 MHz: 1.7 dB
	150 MHz: 3.0 dB
	220 MHz: 3.7 dB
	450 MHz: 5.3 dB
	900 MHz: 7.6 dB
	1500 MHz: 9.9 dB
	2000 MHz: 11.5 dB
	2500 MHz: 12.0 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.			
QA Mgr.	RTH	1/28/94	



TIMES MICROWAVE SYSTEMS

Wallingford, CT 06492
(203) 949-8400; (203) 949-8423.Fax
www.timesmicrowave.com

LMR-240- FR			
Low Loss Flame Retardant			
High Performance Communications Coax			
Size	CAGE CODE	Drawing No.:	
A	68999	AA-8119	
Scale: NA		Rev. (A)	Sheet: 1 of 1

MI-54032