

I. CONSTRUCTION

Center conductor: Solid Bare Copper	Diameter	.056 inches
Dielectric: Gas Injected Foam Polyethylene		.150
Shield: Aluminum-Polyester-Aluminum-Adhesive Tape		.155
: 36 GA Aluminum Braid (90%k)		.178
Jacket: Black Low Smoke Low Toxicity Non-halogen FR Polyethylene		.240 +/- .010"
PRINT" "LMR@-LW240-LSZH COAXIAL CABLE T TIMES MICROWAVE SYSTEMS PH +1(203)949-8400 dmy ft"		

II. ENVIRONMENTAL and MECHANICAL PROPERTIES

Weight: 35.5 pounds per 1000 feet
 Operating temperature: -40°C to +85°C
 Minimum bend radius: 3/4 inch
 Flame & smoke: **SEE NOTES BELOW**


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 per 100 feet
 150 MHz: 3.0 dB per 100 feet
 220 MHz: 3.7 dB per 100 feet
 450 MHz: 5.3 dB per 100 feet
 900 MHz: 7.6 dB per 100 feet
 1500 MHz: 9.9 dB per 100 feet
 2000 MHz: 11.5 dB per 100 feet
 2500 MHz: 12.0 dB per 100 feet

Shielding: >90dB

IV. NOTES

1. Flame: Meets IEC-332-1-2, IEC 332-3 CAT.C, UL-VW1, UL-1581, IEE-383, BS-4066-1, BS-4066-3
2. Smoke: Meets IEC-61034-2, NES-711
3. Halogen: Meets IEC-60754-1, BS 6425-1, IEC-60754-2, BS 6425-2
4. MISC: Compliant to EN-45545 (R15/R16), DIN 5510-2, NF F16-101, BS-6853 Standards
5. UV Resistant: Meets UL-1581, 720 Hour UV Exposure
6. Meets NFPA-130 Requirements
7. ROHS Compliant: 2002/95/EC ROHS Directive and Amendment 2011/65/EC

This document contains Times Microwave Systems proprietary information. It shall not be duplicated, used or disclosed in whole or in part to third parties without written authorization from Times Microwave Systems. This data is EAR controlled IAW 15 CFR Part 730-774 45389	Approvals			 TIMES MICROWAVE SYSTEMS Wallingford, CT 06492 (203) 949-8400; (203) 949-8423.Fax
	Drawn	EP	10/23/2016	
	CHK			LMR-LW240-LSZH
	This Technical Specification is for Reference only			Size A CAGE CODE 68999 Drawing No.: AA-11815
	Scale: NA	Rev. (--A)	Sheet: 1 of 1	