

I. CONSTRUCTION

Center Conductor: Solid Bare Copper	DIAMETER
Dielectric: Gas Injected Foam Polyethylene	.037"
Shield: Bonded Aluminum— Polyester— Aluminum Tape	.113"
36 GA Tinned Copper Braid (90%k)	.118"
Jacket: Black Low Smoke Low Toxicity Non-halogen FR Polyethylene	.141"
	.195" +/- .010"

II. ENVIRONMENTAL AND MECHANICAL PROPERTIES

Weight: 28 lbs per 1000 feet
 Operating Temperature: -40°C to +85°C
 Minimum Bend Radius: 1/2"
 Flame Resistance: **SEE NOTES BELOW**

III. ELECTRICAL PROPERTIES


Impedance: 50 ohms
 Capacitance: 26.7 pF per foot
 Velocity: 76%
 Attenuation @ (typical)

30 MHz:	2.0 dB per 100 feet
50 MHz:	2.6 dB per 100 feet
150 MHz:	4.4 dB per 100 feet
220 MHz:	5.4 dB per 100 feet
450 MHz:	7.8 dB per 100 feet
900 MHz:	11.1 dB per 100 feet
1500 MHz:	14.5 dB per 100 feet
2000 MHz:	16.9 dB per 100 feet
2500 MHz:	19.0 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	Approvals				TIMES MICROWAVE SYSTEMS		
	Drawn	EP	5/4/2016		Wallingford, CT 06492 (203) 949-8400; (203) 949-8423.Fax		
	CHK	TF	5/4/2016	LMR-195-LSZH			
	This Technical Specification is for Reference only			Size A	CAGE CODE 68999	Drawing No.: AA-11761	
			Scale: NA		Rev. (--B)	Sheet: 1 of 1	