

I. CONSTRUCTION

Center conductor: Solid Bare Copper Clad Aluminum	Diameter
Dielectric: Gas Injected Foam Polyethylene	.176 inches
Shield: Aluminum-Polyester-Aluminum-Adhesive Tape	.455
: 33 GA Aluminum Braid (90%k)	.461
Jacket: Black Low Smoke Low Toxicity Non-halogen FR Polyethylene	.490
Print: " LMR®-LW600-LSZH COAXIAL CABLE T TIMES MICROWAVE SYSTEMS	.590 +/- .015"
PH +1(203)949-8400 dmy ft"	

II. ENVIRONMENTAL and MECHANICAL PROPERTIES

Weight: 132.0 pounds per 1000 feet
Operating temperature: -40°C to +85°C
Minimum bend radius: 1-1/2 inch
Flame & smoke: **SEE NOTES BELOW**

III. ELECTRICAL PROPERTIES

Impedance: 50 ohms
Capacitance: 23.4 pF per foot
Velocity: 87 %
Attenuation @ 30 MHz: 0.42 dB per 100 feet
Typical (max) 50 MHz: 0.55 dB per 100 feet
150 MHz: 0.96 dB per 100 feet
220 MHz: 1.18 dBper 100 feet
450 MHz: 1.72 dB per 100 feet
900 MHz: 2.50 dB per 100 feet
1500 MHz: 3.31 dBper 100 feet
2000 MHz: 3.90 dB per 100 feet
2500 MHz: 4.42 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

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Approvals

Drawn	EP	10/23/2016
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This Technical Specification is for Reference only



TIMES MICROWAVE SYSTEMS

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

LMR-LW600-LSZH

Size	CAGE CODE	Drawing No.:
A	68999	AA-11818

Scale: NA

Rev. (--A)

Sheet: 1 of 1