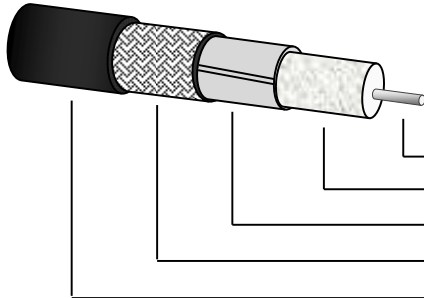




## TIMES MICROWAVE SYSTEMS

### I. CONSTRUCTION



|                        |       |                                                          |
|------------------------|-------|----------------------------------------------------------|
| Center Conductor       | .056" | Solid Bare Copper                                        |
| Dielectric             | .150" | Gas Injected Foam Polyethylene                           |
| 1 <sup>st</sup> Shield | .155" | Aluminum-Polyester-Aluminum-Adhesive Tape                |
| 2 <sup>nd</sup> Shield | .178" | 38 GA Tinned Copper Braid (90%k)                         |
| Jacket                 | .240" | Black Low Smoke Low Toxicity Non-halogen FR Polyethylene |

PRINT" "LMR®-240-LSZH COAXIAL CABLE T TIMES MICROWAVE SYSTEMS  
PH +1(203)949-8400 dmy ft"

### II. ENVIRONMENTAL and MECHANICAL PROPERTIES

Weight: 43 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 @  
(Typical)

|           |                      |
|-----------|----------------------|
| 30 MHz:   | 1.3 dB per 100 feet  |
| 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 |
| 5800 MHz: | 20.4 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

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### Approvals

|       |    |          |
|-------|----|----------|
| Drawn | EP | 5/4/2016 |
| CHK   | TF | 5/4/2016 |

This Technical Specification is for Reference only



## TIMES MICROWAVE SYSTEMS

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(203) 949-8400; (203) 949-8423.Fax

## LMR-240-LSZH

|           |                           |                              |
|-----------|---------------------------|------------------------------|
| Size<br>A | CAGE CODE<br><b>68999</b> | Drawing No.: <b>AA-11763</b> |
|-----------|---------------------------|------------------------------|

Scale: NA

Rev. (--D)

Sheet: 1 of 1



**TIMES MICROWAVE SYSTEMS**

- 6. Meets NFPA-130 Requirements
- 7. ROHS Compliant: 2002/95/EC ROHS Directive and Amendment 2011/65/EC

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| Approvals                                          |    |          |
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| Drawn                                              | EP | 5/4/2016 |
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**LMR-240-LSZH**

|           |                           |                              |
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