



Australian Representatives

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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

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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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LMR-195-LSZH

Size A	CAGE CODE 68999	Drawing No.: AA-11761
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Scale: NA Rev. (--B) Sheet: 1 of 1