

LTR	DESCRIPTION	DATE	BY
-	Released	3/26/04	JCL

I. CONSTRUCTION

center conductor: Stranded Bare Copper .038"
 dielectric: Natural Polyethylene .116
 shield: 36 GA Bare Copper Braid .139
 interlayer: Black Polyvinyl Chloride .175
 shield: 36 GA Bare Copper Braid .198
 jacket: Extruded Black PVC .245

II. ENVIRONMENTAL and MECHANICAL PROPERTIES

weight: 41 pounds per 1000 feet
 operating temperature: -40°C to +80°C

III. ELECTRICAL PROPERTIES

impedance: 50 ohms
 capacitance: 30.8 pF per foot
 velocity: 66 %
 attenuation @ 10 MHz: 1.7 dB per 100 feet
 100 MHz: 5.5 dB per 100 feet
 1000 MHz: 22 dB per 100 feet

IV. NOTES

- 1) All tests performed in accordance with MIL-C-17 (current issue).

Unless otherwise specified, dimensions are in inches. Tolerances are applicable when specified.

These drawings and specifications contain proprietary information which is the property of Times Microwave Systems.

Approvals		
Drawn	JCL	3/26/04
Check		



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Size A	CAGE CODE 68999	Drawing No.: AA-7183
Scale: NA		Rev. (-)
Sheet: 1 of 1		