LTR	DESCRIPTION	DATE	BY
-	Released	10/27/00	JCL
--A	33ga was 34 ga	3/2/2010	JCL

I. CONSTRUCTION   DIAMETER

Center Conductor: Solid Soft Bare Copper Clad Aluminum	.176"+/-.001"
Dielectric: Gas Injected Foam Polyethylene over Precoat	.455"+/-.005"
Shield: Laminated Aluminum Tape (Facile 'High X' or equal) bonded	.461" Ref
to foam. Al(.35)-Poly(1)-Al(.35)-Adh(1) x 1-1/4"wide	
:33 GA Tinned Copper Braid(24C/10N/5.5P)	.494" Ref
Jacket: Black Polyethylene(UC 6423 or equal)	.590"+/-.005"

Print Legend: "LMR-600 COAXIAL CABLE   TIMES MICROWAVE SYSTEMS 68999
           MADE IN USA PH(203)949-8400 WWYY ftftft"

      WWYY = week number and year of mfg or month/date/year
        ftftft = sequential footage mark

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

Impedance: 51 +2 -1 ohm
Capacitance: 23.4 pF per foot
Velocity: 87% (nominal)
Attenuation @   900 MHz: 2.8 dB per 100 feet (max)
                2000 MHz: 4.3 dB per 100 feet (max)
 VSWR   800 to 1000 MHz: 1.25:1 (max)
         1800 to 2000 MHz: 1.30:1 (max)
Off Center(center conductor-dielectric): .023" TIR(max)
Ovality(jacket):   .010" (max OD-min OD)
Adhesion(center conductor-dielectric): 10 lbs (minimum) for 6" length
Jacket Concentricity: 85% minimum

III. PACKAGING
Putup: 500 ft, 1000 ft, and Bulk Lengths as specified on Purchase Order
Reels: entire reel shall be free of any and all marking
Reel Sizes: for Finished Product, 500 ft (24x11x12); 1000 ft (36x?x?)
       : at Braid stage, 36"Flange x 24" Wide; full reels

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	10/27/00
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LMR-600
Purchase Specification

Size	CAGE CODE	Drawing No.:
A	**68999**	**8106**

Scale: NA	Rev. (-A)	Sheet: 1 of 1