

REV. STATUS SHEETS	REV. LTR.	-	REVISIONS			
	SHEET NO	1	LTR	DESCRIPTION	DATE	BY
			-	Preliminary	02/02/96	MTP

I. CONSTRUCTION

Center Conductor: Solid Bare Copper	DIAMETER
Dielectric: Gas Injected Foam Polyethylene	.044"
Shield: Bonded Aluminum-Polyester-Aluminum Tape	.116"
36 GA Tinned Copper Braid(90%k)	.121"
Jacket: Black Polyurethane	.144"
	.195"

II. ENVIRONMENTAL AND MECHANICAL PROPERTIES

Weight: 26 lbs per 1000 feet
 Operating Temperature: -40°C to +70°C
 Minimum Bend Radius: 1/2"

III. ELECTRICAL PROPERTIES

Impedance: 50 ohms
 Capacitance: 24.5 pF per foot
 Velocity: 83%
 Attenuation @ 10 MHz: 1.13 dB per 100 feet
 100 MHz: 3.23 dB per 100 feet
 1000 MHz: 10.44 dB per 100 feet
 DC Resistance - Center Conductor: 5.4 Ohms per 1000 feet
 - Outer Conductor: 4.9 Ohms per 1000 feet

IV. NOTES

1) Unless otherwise specified, all tests performed in accordance with MIL-C-17.

Unless otherwise specified dimensions in inches. Tolerances are applicable when specified.	Approvals			TIMES MICROWAVE SYSTEMS Wallingford, CT 06492		
	Drawn	MTP	02/02/96	LMR-200-PUR High Performance Coaxial Cable		
	Check					
	PrjMg					
	PrdMg			Size A	Code Ident 68999	Dwg.No. AA - 8458
	QAMgr			Scale: NA	Rev. (-)	Sheet: 1 of 1