

REV. STATUS SHEETS	REV. LTR.	A	REVISIONS			
	SHEET NO	1	LTR	DESCRIPTION	DATE	BY
			-	Released	3/17/98	JCL
			A	Weight to 89 pounds	8/10/98	JCL

I. CONSTRUCTION

DIAMETER

Center Conductor: Solid Bare Copper Clad Aluminum	.108"
Dielectric: Extruded Cellular Foam Polyethylene	.285"
Shield: Silver Plated Copper Flat Ribbon Braid	.295"
Spiral Aluminum-Polyester Tape	.300"
34 GA Tinned Copper Braid	.329"
Jacket: Black Flame Retardant Polyurethane	.405"

II. ENVIRONMENTAL AND MECHANICAL PROPERTIES

Weight: 89 lbs per 1000 feet
 Operating Temperature: -55°C to +80°C
 Minimum Bend Radius: 1"

III. ELECTRICAL PROPERTIES

Impedance: 50 ohms
 Capacitance: 23.9 pF per foot
 Velocity: 85%
 Attenuation @ 30 MHz: 0.75 db per 100 feet
 (typical) 50 MHz: 1.0
 150 MHz: 1.7
 220 MHz: 2.1
 450 MHz: 3.0
 900 MHz: 4.4
 1500 MHz: 5.8
 2000 MHz: 6.7
 2500 MHz: 7.6

IV. NOTES

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

Unless otherwise specified dimensions in inches. Tolerances are applicable when specified.	Approvals			TIMES MICROWAVE SYSTEMS Wallingford, CT 06492		
	Drawn	JCL	3/17/98	T-COM-400-ULTRAFLEX High Performance Communications Coax		
	Check					
	PrjMg					
	PrdMg			Size A	Code Ident 68999	Dwg.No. AA - 8802
MI-55015	QAMgr		Scale: NA		Sheet: 1 of 1	