REV. STATUS SHEETS	REV.LTR.	-				REVISIONS			
	SHEET NO	1				LTR	DESCRIPTION	DATE	BY
						—	Released	8/19/92	TF

I. CONSTRUCTION

	DIAMETER
Center Conductor: 7/.0296" Bare Copper	.0888 +/- .001"
Dielectric: Type A-1 Solid Polyethylene	.285 +/- .007"
Outer Conductor: #33 AWG Bare Copper, 95.3% Coverage	.316" nominal
Barrier Tape: Aluminum/Polyester Tape	.327" nominal
Jacket: Type XIV Cross-Linked Polyolefin(Note 3)	.405 +/- .007"

II. PHYSICAL AND ENVIRONMENTAL PROPERTIES

Weight per 1000 feet(max)	121 lbs
Operating Temperature Range	-40 C to +85 C

III. ELECTRICAL PROPERTIES

Impedance(Note 2)	50 +/- 2 Ohms
Capacitance(nom)	30.8 pf/FT
Velocity of Propagation(nom)	65.9 %
Attenuation @ 100 MHz(max)	2.2 db/100ft
@ 400 MHz(max)	4.7 db/100ft
@ 1 GHz(max)	9.0 db/100ft
Continuous Working Voltage	3700 v rms-maximum 3700 V rms-max

IV. NOTES

1) All testing performed in accordance with MIL-C-17 Rev G.
2) Impedance tested using a TDR & 50 Ohm Standard Reference.
3) Cross-linked Polyolefin Jackets meet all requirements set forth in MIL-C-17G(/180-/200), for Halogen content, Smoke Index, Toxicity Index and Acid Gas Generation.
4) Cable meets the IEEE-383, 70 KBTU Flame test requirement.

Unless otherwise specified dimensions in inches. Tolerances are applicable when specified.	Approvals			TIMES MICROWAVE SYSTEMS Wallingford, CT 06492		
	Drawn	TF	08/19/92	MIL-C-17/189-00001 Flexible Coaxial, 50 OHMS		
	Check					
	PrjMg			Size A	Code Ident 68999	Dwg.No. AA - 7287
	PrdMg					
	VpEng			Scale: NA		Sheet: 1 of 1