

REV. STATUS SHEETS	REV. LTR.	-		REVISIONS			
	SHEET NO	1		LTR	DESCRIPTION	DATE	BY
				-	Released	06/24/92	TF

#783658

**I. CONSTRUCTION**

**DIAMETER**

Center Conductor: 7/.0296" Silver Plated Copper	.0888 +/- .001"
Dielectric: Type A-1 Solid Polyethylene	.285 +/- .007"
Outer Conductor: Double Braid-	
#34 AWG Silver Plated Copper, 95.7% Coverage	.313" nominal
#34 AWG Silver Plated Copper, 98.0% Coverage	.341" nominal
Barrier Tape: Aluminum/Polyester Tape	.353" nominal
Jacket: Type XIV Cross-Linked Polyolefin(Note 3)	.425 +/- .007"

**II. PHYSICAL AND ENVIRONMENTAL PROPERTIES**

Weight per 1000 feet(max)	154 lbs
Operating Temperature Range	-40 C to +85 C

**III. ELECTRICAL PROPERTIES**

Impedance(Note 2)	50 +/- 2 Ohms
Capacitance(max)	32.2 pf/FT
Velocity of Propagation(nom)	65.9 %
Attenuation @ 400 MHz	6.8 db/100ft(max)
Continuous Working Voltage	3700 v rms-maximum

**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.

**PRINT LEGEND:** "M17/214-00001, TIMES MICROWAVE SYSTEMS, 68999, AA-8067"

Unless otherwise specified dimensions in inches. Tolerances are applicable when specified.	Approvals			TIMES MICROWAVE SYSTEMS Wallingford, CT 06492		
	Drawn	TF	12/06/90	MIL-C-17/214-00001 Flexible Coaxial, 50 OHMS		
	Check					
	PrjMg	TF	12/06/90	Size	Code Ident	Dwg.No.
	PrdMg			A	68999	AA - 8067
	VpEng			Scale: NA		Sheet: 1 of 1