REQUIREMENTS:

- 1. IMPEDANCE - - -- - - - 75 + 2 ohms
- ---- 6 KVDC MAX & 2 KVRMS MAX 2. OPERATING VOLTAGE - - - -
- 3. BEND RADIUS - - -- 1.25 INCH MIN
- 4. CAPACITANCE - CENTER COND TO INNER BRAID 20.5 PF/FT CENTER COND TO DUTER BRAID - 16.7 PF/FT *INNER BRAID TO OUTER BRAID - 101.3 PF/FT
- 5. VELOCITY OF PROPAGATION - - 66% NOM

0.40	7
1 MHz 0.48 30 MHz 2.90 3 MHz 0.88 40 MHz 3.30 4 MHz 1.01 50 MHz 3.60 5 MHz 1.10 100 MHz 5.20 7 MHz 1.30 200 MHz 7.60 10 MHz 1.50 500 MHz 10.80 20 MHz 2.30 700 MHz 14.70	0 0 0 0 0

- 7. INNER CONDUCTOR DC RESISTANCE - 44.4 ohms/1000 FT
- -40°C TO +80°C 8. OPERATING TEMPERATURE RANGE
- 9. WEIGHT - - - - -43.02 LB/1000 FT
- 10. MARK: TROMPETER ELECTRONICS TRIAX TRC-75-2 (*)

* INNER BRAID UNGROUNDED TABLE 1

(*) VENDOR I.D. CODE

DESCRIPTION	CONSTRUCTION DETAILS
INNER CONDUCTOR	7 STRANDS OF AWG 34 TINNED COPPER WIRE. 0.D0185 ±.001
DIELECTRIC	SOLID CLEAR POLYETHYLENE .116 ±.004 D.D.
INNER BRAID	SINGLE BRAID, AWG SIZE 36 TINNED COPPER WIRE. SHIELD COVERAGE 93% NOM MAX 0.D146
INNER JACKET	CLEAR POLYETHYLENE .175 ±.005 0.0.
OUTER BRAID	SINGLE BRAID, AWG SIZE 36 TINNED COPPER WIRE. SHIELD COVERAGE 93% NOM, NOM 0.D205
JACKET	YELLOW POLYVINYLCHLORIDE, OUTSIDE DIA .245 ±.005

	OMPETER
RF	connectivity
	a cinch connectivity solutions brand

DWN	DKC	8-22-95	MATERIAL	CODE IDENT	DRAWI	NG NO.
CHK				14949	l TRI	-75-
ENGR				14040		_ / _
APPR			SCALE	DATE 6-30-77		SHEET

APPR

 Z_{M} 11263 Ш

RE/ REV