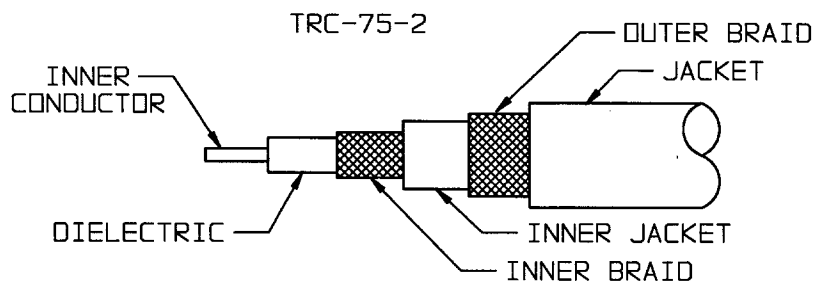


RED INDICATES ORIGINAL

TROMPETER SPECIFICATION SHEET CABLE, RADIO FREQUENCY, TRIAXIAL



REQUIREMENTS:

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

FREQUENCY	dB/100 FT NOM	FREQUENCY	dB/100 FT NOM
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
		1000 MHz	17.60
7. INNER CONDUCTOR DC RESISTANCE - - 44.4 ohms/1000 FT
8. OPERATING TEMPERATURE RANGE -40°C TO +80°C
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. O.D. .0185 $\pm$.001
DIELECTRIC	SOLID CLEAR POLYETHYLENE .116 $\pm$.004 O.D.
INNER BRAID	SINGLE BRAID, AWG SIZE 36 TINNED COPPER WIRE. SHIELD COVERAGE 93% NOM MAX O.D. .146
INNER JACKET	CLEAR POLYETHYLENE .175 $\pm$.005 O.D.
OUTER BRAID	SINGLE BRAID, AWG SIZE 36 TINNED COPPER WIRE. SHIELD COVERAGE 93% NOM, NOM O.D. .205
JACKET	YELLOW POLYVINYLCHLORIDE. OUTSIDE DIA .245 $\pm$.005

DATE 9/27/95

APPR Bm: TJS

DWN DKC

ED11263

REV E

**TROMPETER
ELECTRONICS, INC.**

DWN	DKC	8-22-95	MATERIAL	CODE IDENT	DRAWING NO.	REV
CHK	Bm	9-27-95	—	14949	TRC-75-2	E
ENGR	✓	✓	SCALE	DATE 6-30-77	SHEET	
APPR	TJS	9/27/95				