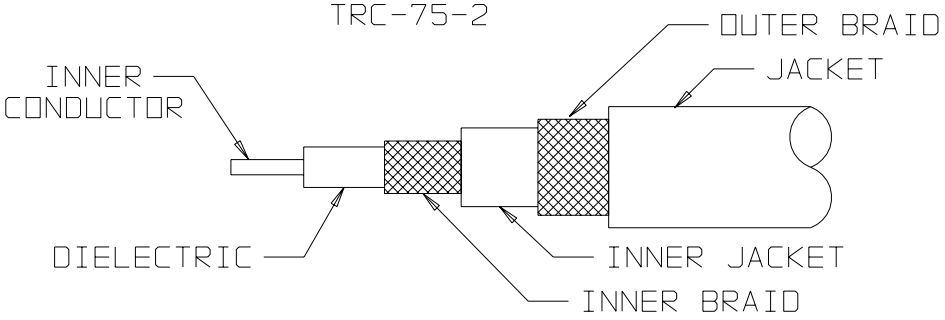
TROMPETER SPECIFICATION SHEET
CABLE, RADIO FREQUENCY, TRIAXIAL

TRC-75-2



REQUIREMENTS:

1. IMPEDANCE - - - - - - - - - - - - - - - 75 ±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 ±.001
DIELECTRIC	SOLID CLEAR POLYETHYLENE .116 ±.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 ±.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 ±.005

REV E | ED11263 | DWN DKC | APPR | DATE

TROMPETER RF connectivity
a cinch connectivity solutions brand

DWN	DKC	8-22-95	MATERIAL	CODE IDENT	DRAWING NO.	REV
CHK				14949	TRC-75-2	E
ENGR			SCALE	DATE 6-30-77	SHEET	
APPR						

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TRC-75-2/500