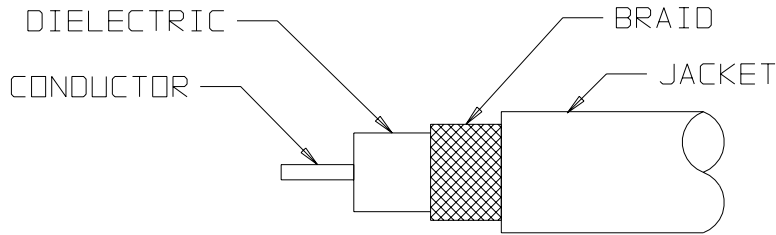


TROMPETER SPECIFICATION SHEET
CABLE, RADIO FREQUENCY, COAXIAL, TCC-50-2
RG-58A/U TYPE



REQUIREMENTS:

1. IMPEDANCE - - - - - 50 ±2 ohms
2. OPERATING VOLTAGE - - - - - 1.4 KVRMS MAX
3. BEND RADIUS - - - - - 1 INCH MIN
4. CAPACITANCE - - - - - 30.8 PF/FT NOM
5. VELOCITY OF PROPAGATION - - - - - 65.9% MIN
6. INNER CONDUCTOR DC RESISTANCE - - - 1.480 ohms/100 FT
7. ATTENUATION:

FREQUENCY	dB/100 FT NOM	FREQUENCY	dB/100 FT NOM
1 MHz	0.38	40 MHz	3.00
3 MHz	0.72	50 MHz	3.40
4 MHz	0.86	100 MHz	4.90
5 MHz	0.98	200 MHz	7.30
7 MHz	1.20	500 MHz	12.50
10 MHz	1.40	700 MHz	15.00
20 MHz	2.00	1000 MHz	28.00
30 MHz	2.60		
8. WEIGHT - - - - - .029 LB/FT MAX
9. OPERATING TEMPERATURE RANGE - - - - -40° C TO +90° C
10. TEST FOR ALL REQUIREMENTS TO BE PER MIL-C-17
11. MARK: TROMPETER ELECTRONICS COAX TCC-50-2 RG-58A/U TYPE E-XXXXX
AWM 1354 VW-1 (*)

(NOTE: MFG TO FILL IN APPROPRIATE UL FILE NUMBER E-XXXXX)

(*) VENDOR I.D. CODE TABLE 1

DESCRIPTION	CONSTRUCTION DETAILS
INNER CONDUCTOR	19 STRANDS OF .0071 TINNED COPPER WIRE, PER ASTM B-286, O.D. .0355 ±.0020 MAX
DIELECTRIC	SOLID CLEAR POLYETHYLENE. PER L-P-390, TYP II, CLASS I, GRADE 3, LOW DENSITY, .116 ±.004 DIA
BRAID	SINGLE BRAID OF AWG 36 TINNED COPPER WIRE, PER ASTM B-286, .150 DIA MAX SHIELD COVERAGE 93% NOM
JACKET	GREEN POLYVINYLCHLORIDE, PER MIL-I-3930 TYPE JP .195 ±.004 O.D.

**TROMPETER
ELECTRONICS, INC.**

DWN	DKC	2-14-96	MATERIAL	CODE IDENT	DRAWING NO.	REV
CHK			_____	14949	TCC-50-2	E
ENGR	Please read our datasheet & drawing disclaimer here .			10-11-78	SHEET	
APPR						

DATE

APPR

DKC

DWN

EO 11508

RED E