



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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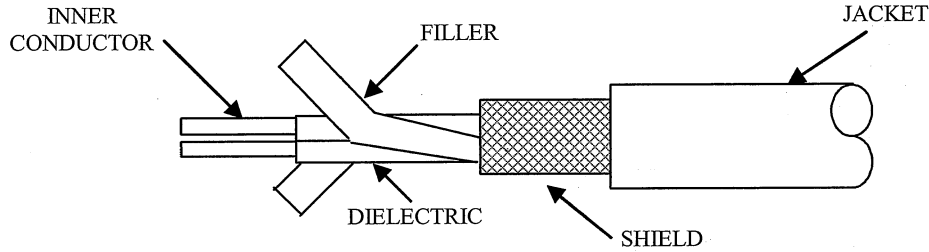
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TROMPETER SPECIFICATION SHEET
CABLE, RADIO FREQUENCY, TWIN CONDUCTOR, BALANCED LINE
TWC-78-1

RED INDICATES ORIGINAL



REQUIREMENTS:

1. IMPEDANCE (OF PAIR) ----- 78 ± 3 OHMS
2. OPERATING VOLTAGE ----- 0.3 KVRMS MAX/0.6 KVDC MAX
3. BEND RADIUS ----- 1.5 INCH MIN
4. CAPACITANCE ----- COND TO COND ----- 20.3 PF/FT MAX
 ----- CONDS TO SHIELD ----- 36.5 PF/FT
5. CONDUCTOR LOOP RESISTANCE ----- 179 OHMS/M FT MAX
6. VELOCITY OF PROPAGATION ----- 66% NOM
7. ATTENUATION: FREQUENCY dB/100 FT NOM FREQUENCY dB/100 FT NOM

1 MHz	2.00	40 MHz	10.60
3 MHz	3.00	50 MHz	11.90
4 MHz	3.50	100 MHz	16.80
5 MHz	4.00	200 MHz	23.70
7 MHz	4.50	500 MHz	37.50
10 MHz	5.30	700 MHz	44.30
20 MHz	7.50	1000 MHz	53.00
30 MHz	9.20		
8. WEIGHT ----- 15.7 LB/1000 FT
9. OPERATING TEMPERATURE RANGE ----- -40° C TO +80° C
10. MARK: TROMPETER ELECTRONICS TWINAX TWC-78-1 (*)
 (*) VENDOR I.D. CODE

DESCRIPTION	CONSTRUCTIONAL DETAILS
INNER CONDUCTORS	TWO CONDUCTORS, EACH 7 STRANDS OF AWG SIZE 33 TINNED COPPER WIRE PER ASTM-B-33. NOM DIA .022
DIELECTRICS	TWO EACH POLYETHYLENE PER L-P-390C, TYPE II, C1.H, 1 EA GR.3, NATURAL, 1 EA GR.2, BLUE. .043 ± .002 DIA TYP
FILLERS	TWO EACH POLYETHYLENE PER L-P-390C, TYPE II C1.L GR.3
CABLE CORE	.085 ± .003 O.D. DIELECTRICS AND FILLERS TO HAVE A RIGHT HAND OR LEFT HAND LAY, 8 TWISTS PER FOOT. AN OPTIONAL NYLON-THREAD WRAP MAY THEN BE APPLIED WITH SUFFICIENT COVERAGE TO MAINTAIN THE POSITION OF THE COMPONENTS
SHIELD	SINGLE BRAID, AWG SIZE 36 TINNED COPPER WIRE SHIELD COVERAGE 93%. .108 NOM O.D.
JACKET	BLUE (PER EIA-359-A, MUNSELL COLOR CHART, SYMBOL CENTROID) POLYVINYLCHLORIDE .150 ± .005 O.D.

DATE 7-1-2008
 APPR [Signature]
 DWN MWJ
 ECO 16590
 REV L

TSI	DWN	M JOHNSON	3-12-08	MATERIAL	CODE IDENT	DRAWING NO.	REV
	CHK	<i>jm</i>	6-26-08	_____	14949	TWC-78-1	L
	ENG	_____	_____	SCALE -----	DATE 10-6-76	SHEET	
	APPR	<i>jm</i>	4-30-08				