RED INDICATES ORIGINAL

Attn: David

TROMPETER SPECIFICATION SHEET

PLENUM CABLE, RADIO FREQUENCY, TWIN CONDUCTOR, BALANCED LINE

DESCRIPTION:

TWINAXIAL CABLE WITH 20 AWG CENTER CONDUCTORS INSULATED WITH FLUORINATED ETHYLENE PROPYLENE. THE CABLE HAS TWO INSULATED CONDUCTORS PLUS FILLERS TWISTED TOGETHER IN THE CORE. THE CORE IS COVERED BY A BRAID SHIELD AND AN OVERALL BLUE TINT FLUOROPOLYMER JACKET.

CONSTRUCTION DETAILS:

CENTER CONDUCTORS:	20 AWG 7/28 TIN PLATED COPPER
INSULATION:	FLUORINATED ETHYLENE PROPYLENE COLOR CODED 0.017" NOMINAL WALL ONE CONDUCTOR BLUE PLUS ONE CONDUCTOR NATURAL 0.074" NOMINAL DIAMETER
CABLE:	TWO CONDUCTORS PLUS TWO FILLERS TWISTED TOGETHER AT A 3" RIGHT HAND LAY WITH AN OVERALL POLYESTER BINDER
BRAID SHIELD:	36 AWG TIN COPPER 95% NOMINAL COVERAGE .168" NOMINAL O.D.
OUTER JACKET:	BLUE TINT FLUOROPOLYMER 0.037" NOMINAL WALL .242 ±.005" O.D.

PERFORMANCE:

IMPEDANCE:	78 ± 3 OHMS
CAPACITANCE MUTUAL:	18.6 PF/FT NOMINAL
VELOCITY:	69% NOMINAL
BEND RADIUS:	2.5"

CONTROL STAMP
If This Stamp Is Not Red,
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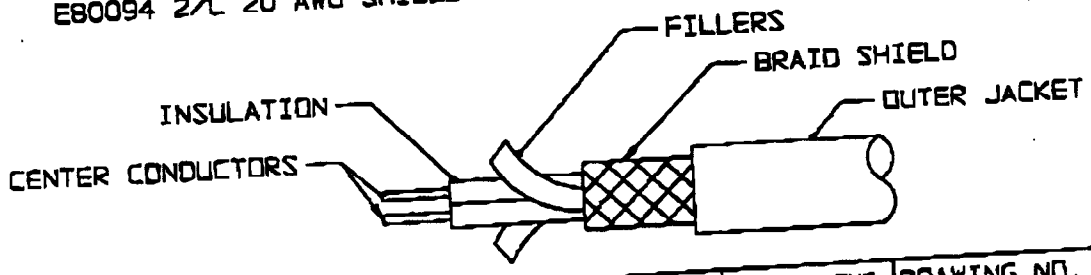
NOTES:

1. CABLE IS UL LISTED CL2P 125°C PER UL SUBJECT 13
2. CALCULATED DESIGN WEIGHT 37.0 LBS/1000 FT.
3. JACKET SHALL BE PRINTED IN BLACK INK
   "TROMPETER ELECTRONICS TWINAX TWCP-78-2
   E80094 2/C 20 AWG SHIELDED TWINAXIAL (UL) CL2P 125°C



REV	ECO	DWN	APPR	DATE
A	12667	OKC		12/2/98

TROMPETER ELECTRONICS, INC.				MATERIAL	CODE IDENT	DRAWING NO.	REV
	DWN	OKC	12-2-98	—	14949	TWCP-78-2	A
	CHK		12/2/98				
	ENGR			SCALE —	DATE 6-5-92	SHEE 1 OF 2	
	APPR		12/2/98				