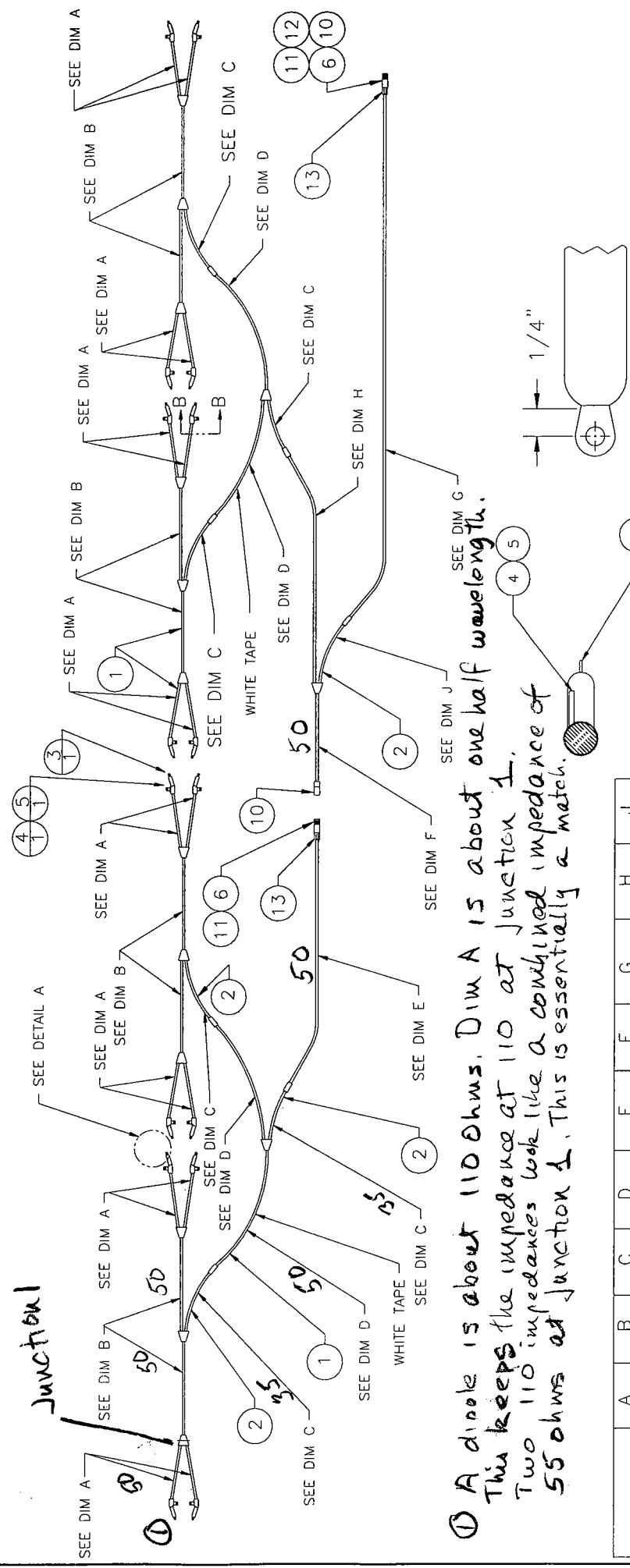


REV.	DESCRIPTION	DATE	APP
	SEE SEPARATE SHEET OF REVISIONS		

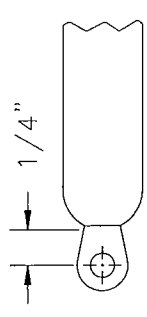
- NOTES:
- FOR PROPER CABLE TRIMMING & ASSEMBLY REFER TO:
    - (A) FEEDER ASSEMBLY INSTRUCTIONS 090042-000.
    - (B) 3-WAY SPLICE ASSEMBLY INSTRUCTIONS 090015-0000.
    - (C) 1-WAY (2 CABLES) SPLICE ASSEMBLY INSTRUCTIONS 090017-000.
    - (D) CONNECTOR ASSEMBLY INSTRUCTIONS PER 090477-000.
  - SEAL CONNECTOR/CABLE INTERFACE USING ADHESIVE SHRINK TUBE P/N 007055-032, PER INSTRUCTIONS 090222-000.
  - OVERALL CABLE CUT LENGTHS HAVE A TOLERANCE OF  $\pm 1/16$ .
  - ALL CLAMPS (ITEM 5) (16) WILL BE MOUNTED FACING UP.
  - OVER ALL LENGTH OF EACH CABLE PRIOR TO ASSEMBLY.



CABLE TYPE	A	B	C	D	E	F	G	H	J
VB-8	VB-8	VB-8	VB-83	VB-8	VB-8	VB-8	VB-8	VB-8	VB83
CUT LENGTH	9 1/2	6 3/4	4 1/4	21 1/4	41 7/8	—	101 1/2	46 1/2	4
FINISHED LENGTH	9 1/2	6 1/2	4	21	41 5/8	3 1/2	101 1/2	46 1/4	3 3/4

Handwritten notes:  $\frac{2}{2}$ ,  $\frac{14}{4}$ ,  $\frac{21}{4}$ ,  $\frac{21}{4}$ ,  $\frac{6}{4}$ ,  $\frac{21}{4}$

① A dipole is about 110 Ohms. Dim A is about one half wavelength. This keeps the impedance at 110 at Junction 1. Two 110 impedances look like a combined impedance of 55 Ohms at Junction 1. This is essentially a match.



SECTION B-B  
4

DASH	TERM
-001	NM
-002	NF

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. INTERPRET DIM & TOL PER ASME Y14.5M-1994	
FRACTION:	DECIMAL:
$\pm 1/32$	.xxx = $\pm .005$
	.xx = $\pm .01$
ANGLE: $\pm .5^\circ$	
SEE WHERE USED	
NEXT ASSEMBLY	

MATERIAL:	FINISH:
N/A	N/A
DRAWN BY: VZ	DATE: 05-10-78
CHKD.: VZ	DATE: 04-29-78
ELEC. ENG.: RHB	DATE: 04-30-79
MECH. ENG.: SV	DATE: 09-05-79
MFR. ENG.: N/A	DATE: N/A
RELEASED: RHB	DATE: 09-14-79

REMOVE ALL BURRS AND SHARP EDGES. PART SHALL CONFORM TO DR STAINLESS PARTS

**ALLEN TELECOM**  
DECIBEL PRODUCTS

DECIBEL PRODUCTS  
8635 STEMMONS FRWY.  
DALLAS, TEXAS 75356-9610

TITLE: CABLE ASSEMBLY  
DB420 450-470 MHZ

SIZE: C  
DRAWING No. 018708-001/002  
REV. T

DO NOT SCALE DRAWING | SHEET 1 OF 3

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