PRE–CABLED 60 LINE 555 PBX
FOR
AMPHENOL CONNECTION

1. GENERAL

1.01 This Appendix tells how to Pre-cable the 555 PBX for amphenol connection.

1.02 This appendix provides identification, connections, and a list of material for a 60 line PBX with amphenol connection using a hundred pair cable or four 25 pair cables equipped with KS-16689,L3 plugs.

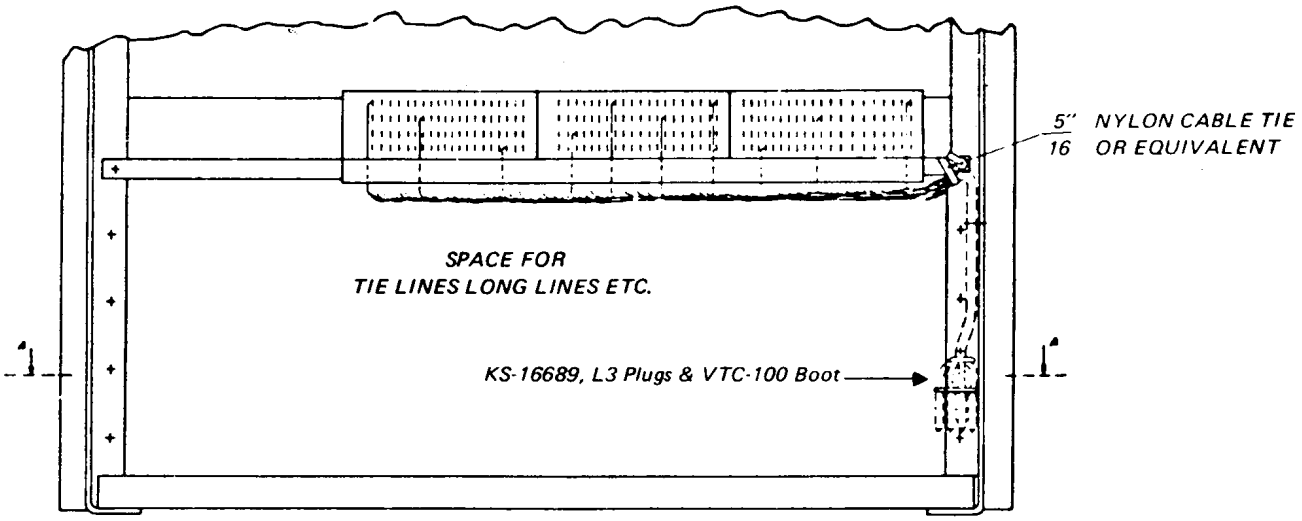
2. DESCRIPTION AND MATERIAL

2.01 Western Electric Co. will pre-cable the 60 line 555 PBX as shown in Figure 1.

2.02 The material required is shown in Table A.

3. CONNECTIONS

3.01 For connecting information see Table B.



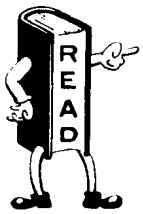
REAR VIEW

REAR DOOR REMOVED

FIG. 1

TABLE A

MATERIAL LIST					
LIST	QTY PER LIST	CODE	DESCRIPTION	NOTE	
1	1	AT-7441	Inside Wiring Cable, Type D 4 Ft. 100 Pair	1 & 2	*
1	4	KS-16689, L-3	Amphenol Plug		
1	2	AT-6933# 13	Cable Clamp		
1	2	P-160793	RHW Screw #12 x ½ In.		
1	3	KS-16904, L-1	Dust Cover		
1	1	VTC-100	Boot		



NOTES

1- Terminate one end of the AT 7441 cable to the KS-16689, L3 plug and the other end to the terminal strip as shown in Table B.

- Where a surplus of short ended 25 pair cables with amphenols exist the 100 pair cable may be substituted by 4 short ended 25 pair cables with amphenol ends. When this method is used the amphenols should be numbered 1 through 4 to identify Binders. This would eliminate making up special 4 ft. 100 pair amphenol plugs.

2- Leave spare leads of sufficient length to reach any point on the terminal strip.

CABLES		BLUE BINDER (PLUG 1)					ORANGE BINDER (PLUG 2)					GREEN BINDER (PLUG 3)					BROWN BINDER (PLUG 4)				
LEAD COLORS		CKT	LEADS DESIG	STRIP DESIG	PCHG	PIN NO.	CKT	LEADS DESIG	STRIP DESIG	PCHG	PIN NO.	CKT	LEADS DESIG	STRIP DESIG	PCHG	PIN NO.	CKT	LEADS DESIG	STRIP DESIG	PCHG	PIN NO.
RING	TIP																				
B L	W	STA 1	T&R	STA	1	1, 26	STA 26	T&R	STA	26	1, 26	STA 51	T&R	STA	51	1, 26	TRK 1	T&R	TRK	1	1, 26
O	W	2	↑	↑	2	2, 27	27	↑	↑	27	2, 27	52	↑	↑	52	2, 27	2	↑	↑	2	2, 27
G	W	3	↑	↑	3	3, 28	28	↑	↑	28	3, 28	53	↑	↑	53	3, 28	3	↑	↑	3	3, 28
B R	W	4	↑	↑	4	4, 29	29	↑	↑	29	4, 29	54	↑	↑	54	4, 29	4	↑	↑	4	4, 29
S	W	5	↑	↑	5	5, 30	30	↑	↑	30	5, 30	55	↑	↑	55	5, 30	5	↑	↑	5	5, 30
B L	R	6	↑	↑	6	6, 31	31	↑	↑	31	6, 31	56	↑	↑	56	6, 31	6	↑	↑	6	6, 31
O	R	7	↑	↑	7	7, 32	32	↑	↑	32	7, 32	57	↑	↑	57	7, 32	7	↑	↑	7	7, 32
G	R	8	↑	↑	8	8, 33	33	↑	↑	33	8, 33	58	↑	↑	58	8, 33	8	↑	↑	8	8, 33
B R	R	9	↑	↑	9	9, 34	34	↑	↑	34	9, 34	59	↑	↑	59	9, 34	9	↑	↑	9	9, 34
S	R	10	↑	↑	10	10, 35	35	↑	↑	35	10, 35	60	↓	STA	60	10, 35	10	↑	↑	10	10, 35
B L	B K	11	↑	↑	11	11, 36	36	↑	↑	36	11, 36	↑	↑	↑	↑	11, 36	11	↑	↑	11	11, 36
O	B K	12	↑	↑	12	12, 37	37	↑	↑	37	12, 37	↑	↑	↑	↑	12, 37	12	↑	↑	12	12, 37
G	B K	13	↑	↑	13	13, 38	38	↑	↑	38	13, 38	↑	↑	↑	↑	13, 38	13	↑	↓	13	13, 38
B R	B K	14	↑	↑	14	14, 39	39	↑	↑	39	14, 39	↑	↑	↑	↑	14, 39	14	↑	↑	14	14, 39
S	B K	15	↑	↑	15	15, 40	40	↑	↑	40	15, 40	↑	↑	↑	↑	15, 40	↕	↑	↕		15, 40
B L	Y	16	↑	↑	16	16, 41	41	↑	↑	41	16, 41	↑	SPARE	SPARE	↑	16, 41	SPARE	SPARE	SPARE		16, 41
O	Y	17	↑	↑	17	17, 42	42	↑	↑	42	17, 42	↑	↑	↑	↑	17, 42	↕	↓	↕		17, 42
G	Y	18	↑	↑	18	18, 43	43	↑	↑	43	18, 43	↑	↑	↑	↑	18, 43	↓	↑	↓		18, 43
B R	Y	19	↑	↑	19	19, 44	44	↑	↑	44	19, 44	↑	↑	↑	↑	19, 44	BAT	B	MISC	1-4	19, 44
S	Y	20	↑	↑	20	20, 45	45	↑	↑	45	20, 45	↑	↑	↑	↑	20, 45	BAT	B	↑	1-4	20, 45
B L	V	21	↑	↑	21	21, 46	46	↑	↑	46	21, 46	↑	↑	↑	↑	21, 46	BAT	B	↑	1-4	21, 46
O	V	22	↑	↑	22	22, 47	47	↑	↑	47	22, 47	↑	↑	↑	↑	22, 47	GRD	GRD	↑	45-48	22, 47
G	V	23	↑	↑	23	23, 48	48	↑	↑	48	23, 48	↑	↑	↑	↑	23, 48	GRD	GRD	↑	45-48	23, 48
B R	V	24	↑	↑	24	24, 49	49	↑	↑	49	24, 49	↑	↑	↑	↑	24, 49	GRD	GRD	↑	45-48	24, 49
S	V	25	T&R	STA	25	25, 50	50	T&R	STA	50	25, 50	↑	↑	↑	↑	25, 50	GEN	GRD	↑	22-24	25, 50

TERMINAL STRIP WIRING

TABLE B