

**J99395LB, PA, RA, AND SB SIGNALING UNITS
PRESCRIPTION SETTINGS FOR PRECISION BALANCE
NETWORK AND EQUALIZERS**

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1. GENERAL

1.01 This section contains the prescription settings for the following circuits:

- Precision balance network of the GLB and GSB special access signaling units (Fig. 1 and 2)
- 2-wire equalizer of the GLB and GSB special access signaling units
- 4-wire equalizer of the GPA and GRA special access signaling units (Fig. 3 and 4)

1.02 Whenever this section is reissued, the reason for reissue will be stated in this paragraph.

1.03 The prescription settings in this section cover the loaded and nonloaded cable conditions for the balance network and the 4-wire equalizer circuits. Prescription settings for nonloaded cable are all that were generated for the 2-wire equalizer. Normally, 2-wire loaded cable does not require more than 1 dB of equalization; therefore, no prescription settings for loaded cables were developed.

1.04 The numerals in the S5 column of the prescription tables indicate the S5 switches that must be operated to the *closed* position. When these switches are in the closed position, the red numerals are exposed and when in the *open* position, the white numerals are exposed. When there are no numerals in the S5 column for a particular cable length, the S5 switches must be operated to the *open* position.

1.05 When the 2-wire *nonloaded* cable gauge is unknown, but the cable length and termination (900/C or 600/C) are known, measure the dc resistance of the cable and find the equalizer setting on the graphs in Fig. 5 through 7.

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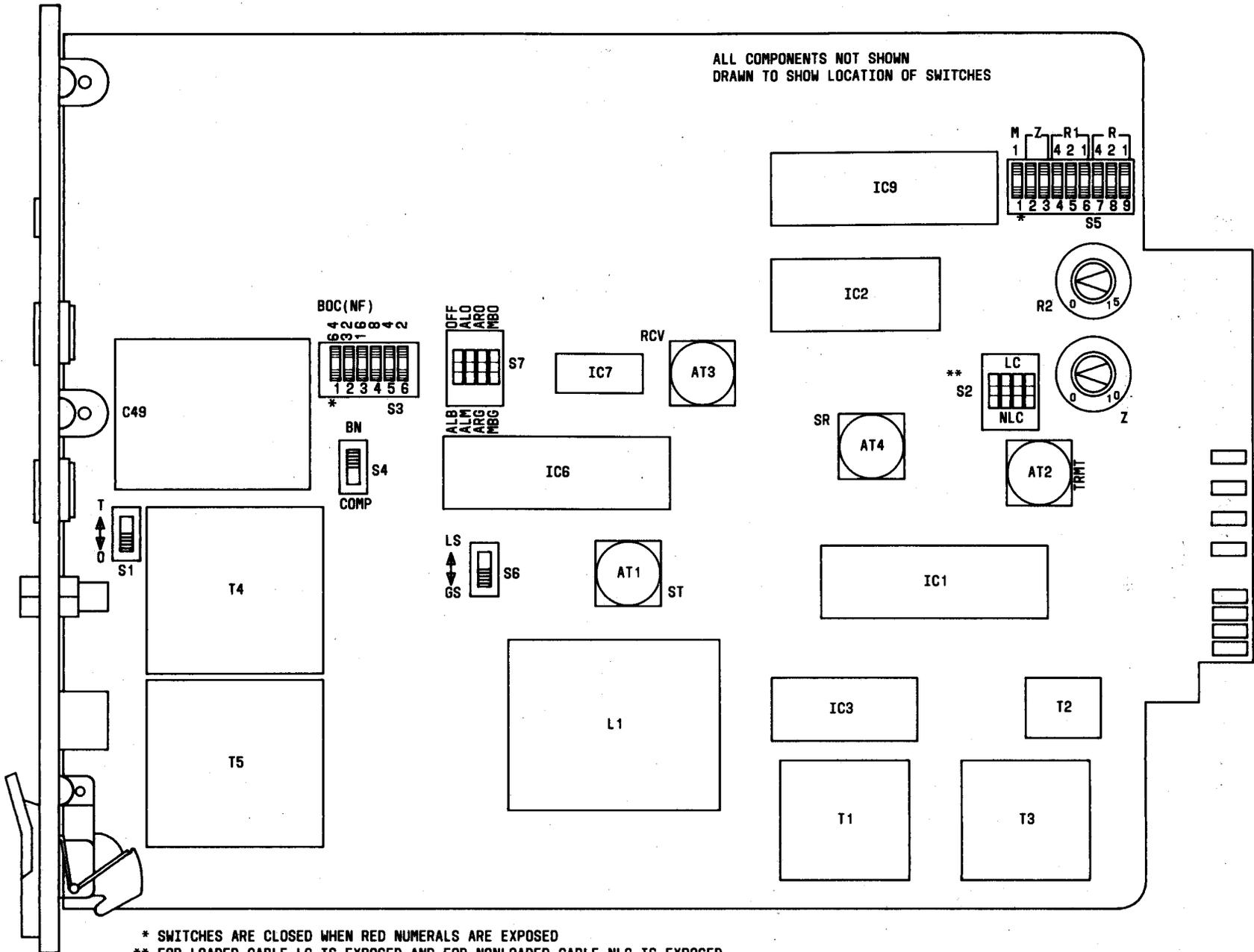


Fig. 1—Illustration of GLB Unit Showing Location of Switches

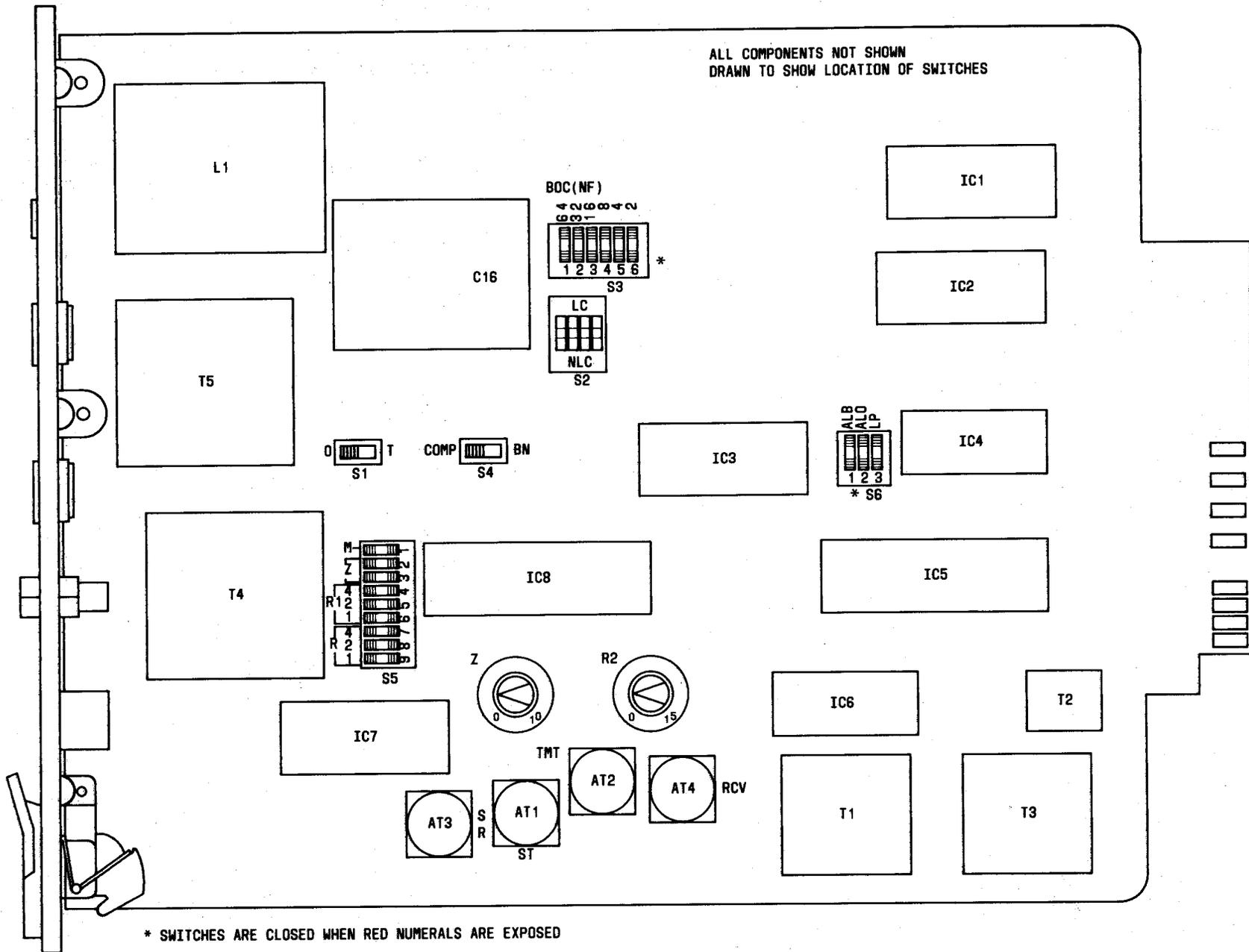


Fig. 2—Illustration of GSB Unit Showing Location of Switches

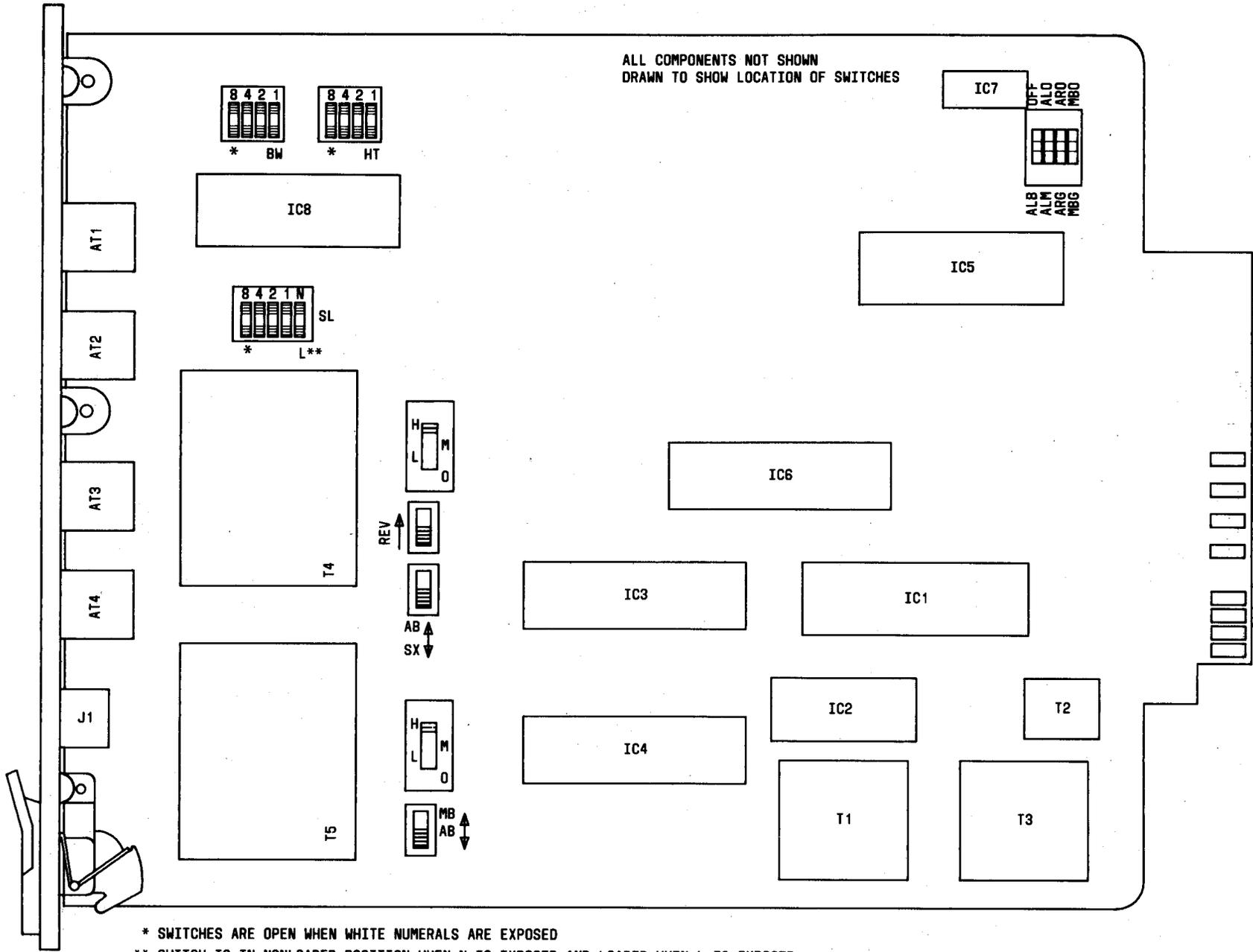


Fig. 3—Illustration of GPA Unit Showing Location of Switches

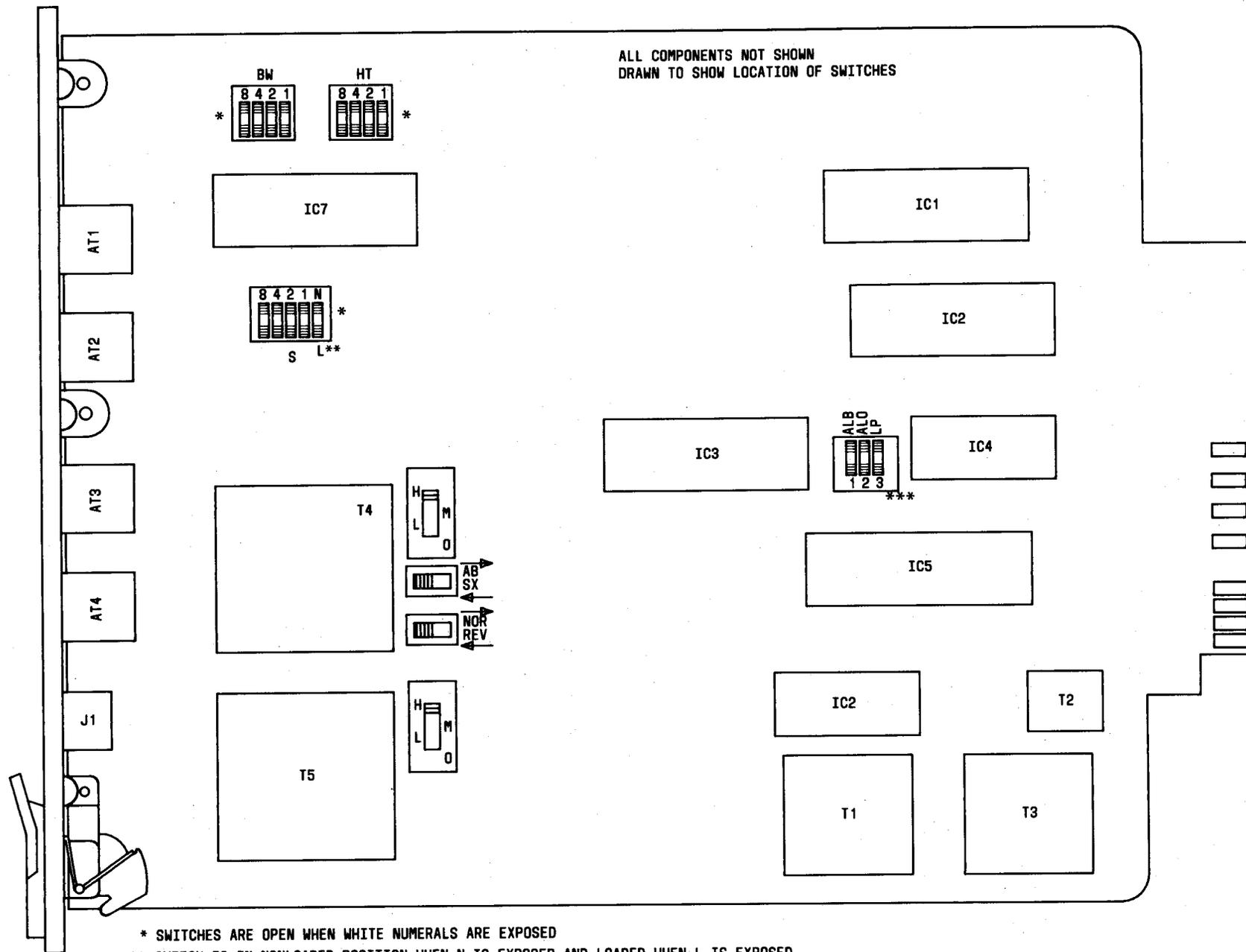


Fig. 4—Illustration of GRA Unit Showing Location of Switches

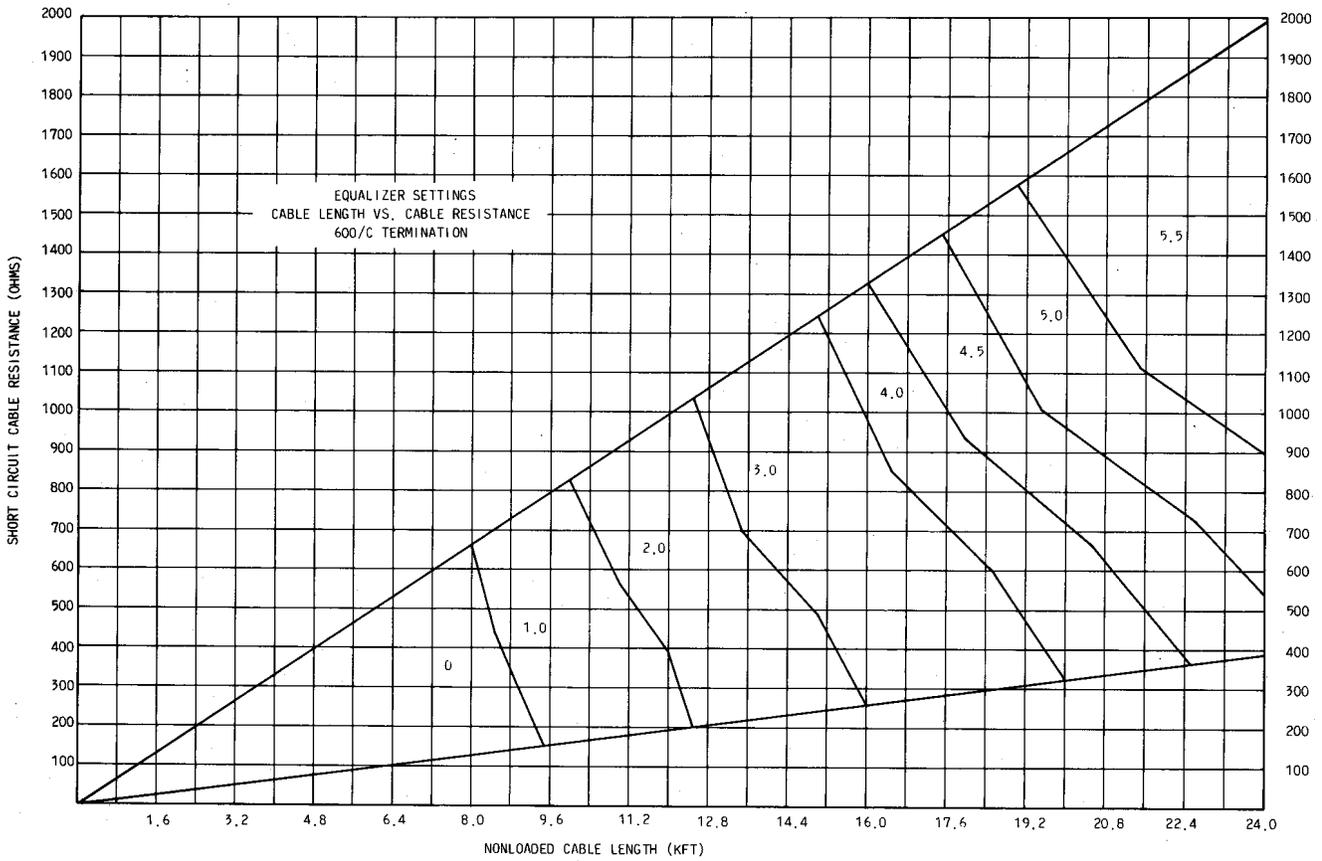


Fig. 5—2-Wire Equalizer Settings for Cables Terminated With 600 Ohm Plus 2.15 μ fd

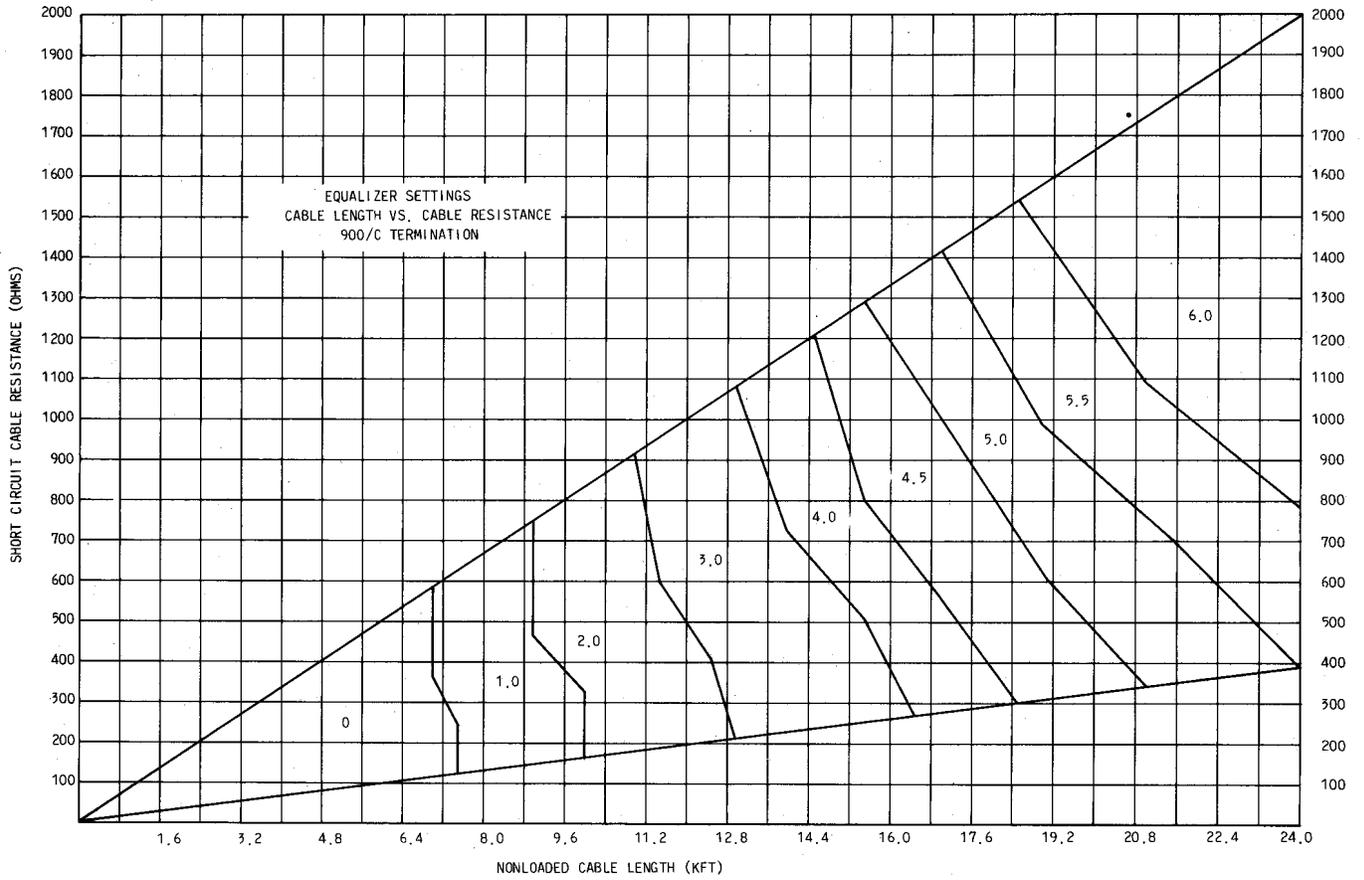


Fig. 6—2-Wire Equalizer Settings for Cables Terminated With 900 Ohm Plus 2.15 μ fd

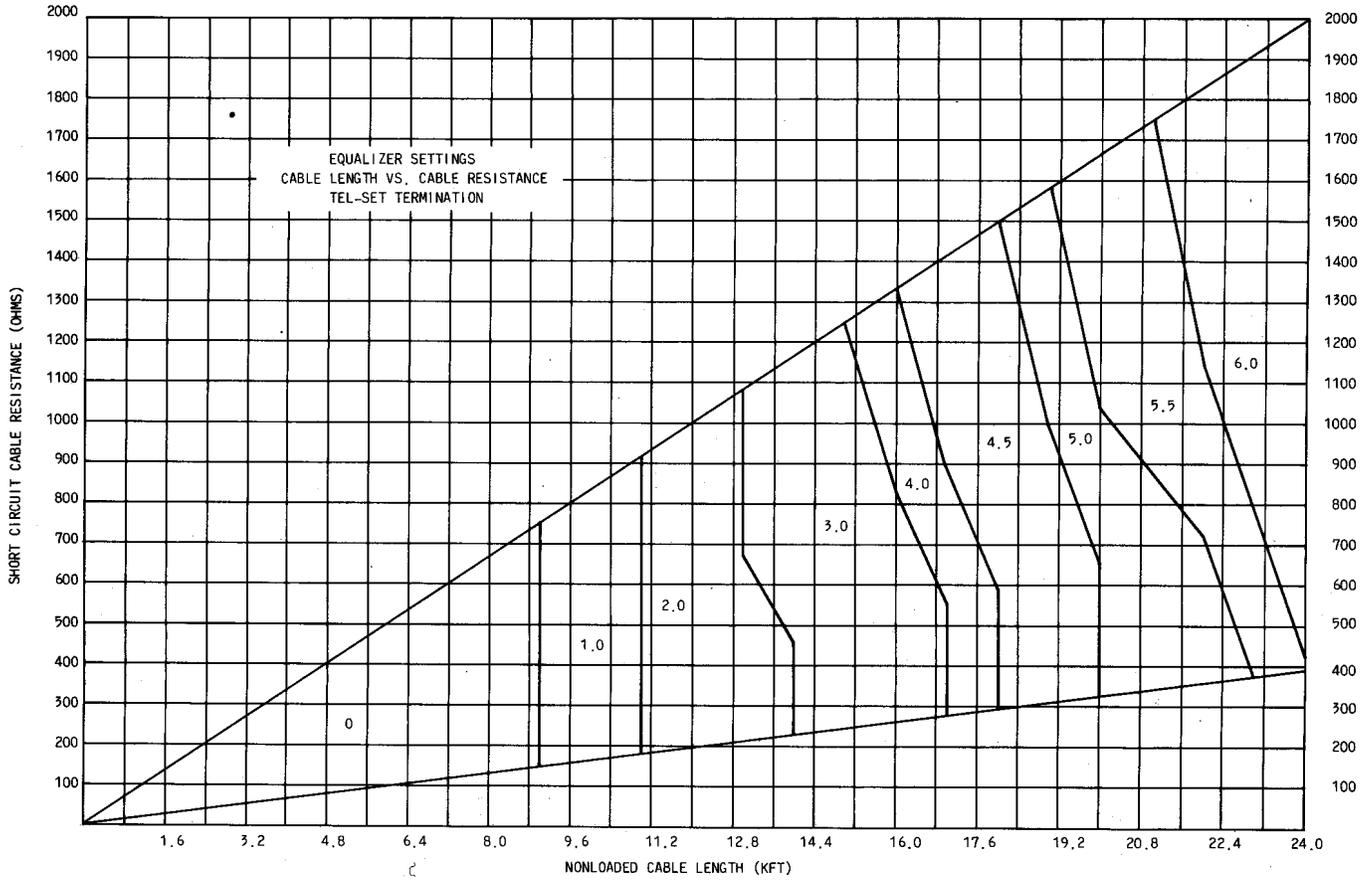


Fig. 7—2-Wire Equalizer Settings for Cables Terminated With Telephone Set

2. INDEX

2.01 The tables in this section are listed as single gauge loaded and nonloaded, and mixed gauge loaded and nonloaded for the precision

balance network and the 4-wire equalizer. For the 2-wire equalizer in the GLB and GSB units, the tables are listed only for single and mixed gauge nonloaded. The index of these tables is as follows:

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TABLE A

PRECISION BALANCE NETWORK SETTINGS FOR
 19-GAUGE H88 LOADED CABLE WITHOUT BRIDGED TAP AT 68 F
 (LENGTH INCLUDES 3 KFT END SECTIONS)

LENGTH (KFT)	BALANCE NETWORK SETTINGS BY TERMINATION						1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C		600/C		TELSET			
	S5	Z	S5	Z	S5	Z		
6.0		9.00		9.75		10.00	.6	106.
12.0		8.50		9.00		10.00	1.2	212.
18.0		8.25		8.75	9	9.75	1.7	318.
24.0		8.00		8.50	8	8.50	2.1	425.
30.0		8.00		8.50	8	8.00	2.6	531.
36.0		8.00		8.25	8	7.50	3.0	637.
42.0		8.00		8.25	9	7.75	3.6	743.
48.0		8.00		8.25	9	7.50	4.1	849.
54.0		8.00		8.00		8.00	4.5	955.
60.0		8.00		8.00		7.75	5.0	1061.
66.0		8.00		8.00		7.75	5.5	1167.
72.0		8.00		8.00		7.75	6.0	1274.
78.0		8.00		8.00		7.75	6.5	1380.
84.0		8.00		8.00		7.75	6.9	1486.
90.0		8.00		8.00		8.00	7.4	1592.
96.0		8.00		8.00		8.00	7.9	1698.
102.0		8.00		8.00		8.00	8.4	1804.
108.0		8.00		8.00		8.00	8.9	1910.

TABLE B

PRECISION BALANCE NETWORK SETTINGS FOR
22-GAUGE H88 LOADED CABLE WITHOUT BRIDGED TAP AT 68 F
(LENGTH INCLUDES 3 KFT END SECTIONS)

LENGTH (KFT)	BALANCE NETWORK SETTINGS BY TERMINATION						1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C		600/C		TELSET			
	S5	Z	S5	Z	S5	Z		
6.0		9.75		10.00		10.00	1.1	205.
12.0	9	8.50		9.50		9 10.00	2.1	410.
18.0	8	7.50		8 8.00		7 8.00	3.0	615.
24.0	8	7.50		8 7.75		7 7.50	3.8	820.
30.0	8	7.25		8 7.50		7 7.00	4.7	1025.
36.0	8	7.25		8 7.50		89 7.00	5.6	1230.
42.0	8	7.25		8 7.50		8 7.25	6.5	1435.
48.0	8	7.25		8 7.25		8 7.25	7.4	1640.
54.0	8	7.25		8 7.25		8 7.00	8.3	1845.

TABLE C

PRECISION BALANCE NETWORK SETTINGS FOR
 24-GAUGE H88 LOADED CABLE WITHOUT BRIDGED TAP AT 68 F
 (LENGTH INCLUDES 3 KFT END SECTIONS)

LENGTH (KFT)	BALANCE NETWORK SETTINGS BY TERMINATION						1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C		600/C		TELSET			
	S5	Z	S5	Z	S5	Z		
6.0	8	8.75	0	10.00		10.00	1.7	320.
12.0	7	7.25	8	8.50	7	9.00	3.1	640.
18.0	7	6.75	7	7.00	78	6.75	4.4	959.
24.0	7	6.50	7	6.75	78	6.25	5.7	1279.
30.0	7	6.50	7	6.50	79	6.25	7.1	1599.
36.0	7	6.50	7	6.50	7	6.50	8.5	1919.

TABLE D

PRECISION BALANCE NETWORK SETTINGS FOR
25-GAUGE H88 LOADED CABLE WITHOUT BRIDGED TAP AT 68 F
(LENGTH INCLUDES 3 KFT END SECTIONS)

LENGTH (KFT)	BALANCE NETWORK SETTINGS BY TERMINATION						1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C		600/C		TELSET			
	S5	Z	S5	Z	S5	Z		
6.0	8	10.00	0	10.00		10.00	1.9	401.
12.0	78	8.25	7	9.50	78	10.00	3.5	802.
18.0	789	7.25	789	7.50	789	8.25	4.9	1204.
24.0	789	7.25	789	7.50	789	7.75	6.3	1605.

TABLE E

PRECISION BALANCE NETWORK SETTINGS FOR
 26-GAUGE H88 LOADED CABLE WITHOUT BRIDGED TAP AT 68 F
 (LENGTH INCLUDES 3 KFT END SECTIONS)

LENGTH (KFT)	BALANCE NETWORK SETTINGS BY TERMINATION						1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C		600/C		TELSET			
	S5	Z	S5	Z	S5	Z		
6.0	7	8.75	10.00		9	10.00	2.5	508.
12.0	789	6.25	78	7.25	789	7.50	4.5	1017.
18.0	789	6.00	789	6.00	789	6.50	6.5	1525.

TABLE F

PRECISION BALANCE NETWORK SETTINGS FOR
19-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)	BALANCE NETWORK SWITCH SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
4.0	3456	12	5.00	3456	4	5.50	456	0	8.75	.5	65.
5.0	23456	15	8.75	3456	10	1.25	456	0	8.00	.6	81.
6.0	23456	15	8.00	23456	13	7.75	3456	6	8.75	.8	98.
7.0	2345	11	9.50	23456	15	5.00	3456	12	2.50	1.0	114.
8.0	2345	12	7.75	23456	15	4.75	23456	15	7.25	1.2	130.
9.0	2345	13	6.00	23456	15	4.25	23456	15	6.50	1.4	147.
10.0	2345	14	4.25	2345	9	7.00	23456	15	6.00	1.6	163.
11.0	2345	15	2.75	2345	10	6.00	23456	15	5.50	1.8	179.
12.0	2345	15	2.50	2345	11	5.00	2345	12	6.25	2.1	195.
13.0	2345	15	2.00	2345	12	4.00	2345	13	4.75	2.3	212.
14.0	2346	12	4.00	2345	12	3.75	2345	13	4.50	2.6	228.
15.0	2346	12	3.50	2345	12	3.50	2345	14	3.25	2.8	244.
16.0	2346	12	3.25	2345	12	3.25	2345	14	2.75	3.1	261.
17.0	2346	12	3.00	2346	9	4.50	2345	14	2.50	3.4	277.
18.0	234	10	3.75	2346	9	4.25	2345	14	2.25	3.7	293.
19.0	234	10	3.50	2346	9	4.00	2345	14	2.25	3.9	309.
20.0	234	9	4.00	2346	9	4.00	2345	14	2.00	4.2	326.
21.0	234	9	3.75	2346	9	3.75	2346	11	3.50	4.5	342.
22.0	2356	7	4.50	2346	8	4.00	2346	10	3.75	4.8	358.
23.0	2356	7	4.25	234	6	4.75	2346	10	3.75	5.1	375.
24.0	2356	6	4.50	234	6	4.50	2346	10	3.50	5.4	391.
25.0	2356	6	4.25	234	5	4.75	2346	10	3.50	5.6	407.
26.0	235	4	5.00	234	5	4.75	2346	9	3.75	5.9	423.
27.0	235	4	4.75	234	5	4.50	234	7	4.50	6.2	440.
28.0	235	3	5.00	234	4	5.00	234	7	4.25	6.5	456.
29.0	235	3	5.00	2356	2	5.50	234	6	4.75	6.8	472.
30.0	235	2	5.25	2356	2	5.25	234	6	4.50	7.1	489.
31.0	236	1	5.50	2356	2	5.25	234	6	4.50	7.3	505.

TABLE F (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR
19-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)	BALANCE NETWORK SWITCH SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
32.0	236	1	5.50	2356	1	5.50	234	5	4.75	7.6	521.
33.0	236	0	5.75	2356	1	5.50	2356	3	5.50	7.9	538.
34.0	236	0	5.50	2356	1	5.50	2356	3	5.25	8.2	554.
35.0	236	0	5.50	2356	0	5.75	2356	3	5.25	8.4	570.
36.0	236	0	5.50	2356	0	5.75	2356	2	5.50	8.7	586.
37.0	236	0	5.50	2356	0	5.75	2356	2	5.50	9.0	603.
38.0	236	0	5.50	2356	0	5.75	2356	2	5.50	9.2	619.
39.0	236	0	5.50	2356	0	5.75	235	0	6.00	9.5	635.
40.0	235	0	5.50	2356	0	5.75	235	0	6.00	9.8	652.

TABLE G

PRECISION BALANCE NETWORK SETTINGS FOR
22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)	BALANCE NETWORK SWITCH SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
4.0	3456	11	7.75	3456	2	8.25	456	0	9.75	.7	131.
5.0	3456	15	.50	3456	9	4.00	456	0	9.75	1.0	164.
6.0	23456	15	9.25	3456	12	1.00	456	7	5.25	1.2	197.
7.0	345	9	3.75	23456	14	8.00	3456	12	4.50	1.5	229.
8.0	345	11	.75	23456	15	6.25	23456	15	8.75	1.7	262.
9.0	2345	12	8.50	23456	15	6.00	23456	15	8.25	2.0	295.
10.0	2345	13	7.00	345	8	.75	23456	15	7.75	2.3	328.
11.0	2345	13	6.50	2345	9	9.25	23456	15	7.25	2.6	360.
12.0	2345	13	6.00	2345	10	8.25	2345	11	9.00	2.9	393.
13.0	2346	10	7.75	2345	10	8.00	2345	12	7.75	3.2	426.
14.0	2346	10	7.50	2345	10	7.75	2345	12	7.25	3.6	459.
15.0	2346	9	8.00	2345	11	6.75	2345	12	7.00	3.9	491.
16.0	2346	9	7.50	2346	6	9.25	2345	12	6.75	4.2	524.
17.0	234	7	8.50	2346	6	9.00	2345	12	6.50	4.6	557.
18.0	234	6	8.75	2346	6	9.00	2345	12	6.25	4.9	590.
19.0	234	6	8.50	2346	6	8.75	2346	8	8.50	5.3	623.
20.0	234	6	8.50	2346	6	8.75	2346	8	8.25	5.7	655.
21.0	2356	4	9.25	2346	6	8.50	2346	8	8.25	6.0	688.
22.0	2356	3	9.50	234	3	9.75	2346	8	8.00	6.4	721.
23.0	2356	3	9.50	234	3	9.75	2346	7	8.50	6.7	754.
24.0	2356	2	9.75	234	3	9.50	234	5	9.25	7.1	786.
25.0	2356	2	9.75	234	3	9.50	234	5	9.25	7.5	819.
26.0	35	0	1.00	34	2	.50	234	4	9.50	7.8	852.
27.0	35	0	1.00	34	2	.50	234	4	9.50	8.2	885.
28.0	35	0	1.00	356	0	1.00	234	4	9.50	8.6	917.
29.0	35	0	1.00	356	0	1.00	356	2	.75	8.9	950.
30.0	35	0	1.00	356	0	1.00	356	2	.75	9.3	983.
31.0	35	0	1.00	356	0	1.00	356	1	1.00	9.6	1016.

TABLE H

PRECISION BALANCE NETWORK SETTINGS FOR
24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)	BALANCE NETWORK SWITCH SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
4.0	3456	12	7.75	456	2	5.50	456	1	9.75	1.1	208.
5.0	3456	15	1.50	3456	9	6.00	456	4	9.75	1.4	259.
6.0	3456	15	1.00	3456	12	3.00	456	9	5.50	1.7	311.
7.0	345	9	5.25	23456	14	9.75	3456	13	4.75	2.1	363.
8.0	345	10	3.50	23456	15	8.00	3456	15	.50	2.4	415.
9.0	345	11	1.75	345	6	5.00	23456	15	9.50	2.8	467.
10.0	2345	12	9.50	345	7	4.00	23456	15	9.25	3.1	519.
11.0	2345	12	9.25	345	8	3.00	345	10	3.00	3.5	571.
12.0	346	8	2.50	345	9	1.75	345	11	1.50	3.9	623.
13.0	346	8	2.00	345	9	1.50	345	11	1.00	4.3	675.
14.0	346	8	1.75	345	10	.50	345	11	.75	4.8	727.
15.0	346	7	2.25	346	5	3.50	345	11	.50	5.2	778.
16.0	34	5	3.00	346	5	3.25	2345	11	9.75	5.6	830.
17.0	34	4	3.50	346	5	3.25	346	7	2.75	6.0	882.
18.0	34	4	3.25	346	5	3.00	346	7	2.50	6.5	934.
19.0	34	4	3.25	346	5	3.00	346	7	2.25	6.9	986.
20.0	356	1	4.75	34	2	4.50	346	7	2.25	7.4	1038.
21.0	356	1	4.50	34	2	4.25	34	4	3.75	7.8	1090.
22.0	356	1	4.50	34	2	4.25	34	4	3.75	8.3	1142.
23.0	356	1	4.50	34	2	4.25	34	3	4.25	8.7	1194.
24.0	356	0	5.00	34	2	4.25	34	3	4.25	9.2	1245.
25.0	356	0	5.00	356	0	5.00	356	1	5.00	9.6	1297.

TABLE I

PRECISION BALANCE NETWORK SETTINGS FOR
25-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)	BALANCE NETWORK SWITCH SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
4.0	456	9	9.75	456	0	9.50	456	2	9.75	1.3	262.
5.0	456	10	8.50	456	1	9.75	456	6	9.75	1.6	327.
6.0	3456	13	8.25	456	6	7.50	456	8	9.75	1.9	393.
7.0	3456	15	3.50	3456	10	9.00	456	9	9.75	2.3	458.
8.0	3456	15	3.00	3456	12	6.50	456	11	6.75	2.6	524.
9.0	345	8	9.75	3456	14	3.25	3456	14	6.00	2.9	589.
10.0	345	9	8.00	3456	15	1.25	3456	15	3.50	3.3	655.
11.0	345	10	6.50	45	5	5.50	3456	15	3.00	3.7	720.
12.0	345	10	6.00	345	6	9.50	3456	15	2.75	4.0	786.
13.0	345	10	5.75	345	7	8.50	345	9	8.25	4.4	851.
14.0	346	6	8.50	345	8	7.25	345	10	6.50	4.8	917.
15.0	346	6	8.25	345	8	7.00	345	10	6.25	5.2	982.
16.0	346	6	8.00	345	9	6.00	345	10	6.00	5.6	1048.
17.0	346	6	7.75	346	4	9.50	345	10	5.75	6.0	1113.
18.0	346	6	7.75	346	4	9.25	345	10	5.50	6.4	1179.
19.0	34	3	9.50	346	4	9.25	346	6	8.50	6.8	1244.
20.0	34	3	9.50	346	4	9.25	346	6	8.25	7.2	1309.
21.0	34	2	10.00	346	4	9.00	346	6	8.25	7.6	1375.
22.0	34	2	10.00	346	4	9.00	346	6	8.00	8.0	1440.
23.0	56	0	6.00	4	1	5.75	34	3	10.00	8.5	1506.
24.0	56	0	6.00	34	2	10.00	34	3	10.00	8.9	1571.
25.0	56	0	6.00	4	1	5.50	34	3	9.75	9.3	1637.
26.0	56	0	6.00	4	1	5.50	34	3	9.75	9.8	1702.

TABLE J

PRECISION BALANCE NETWORK SETTINGS FOR
26-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)	BALANCE NETWORK SWITCH SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
4.0	456	11	6.75	456	1	9.75	456	6	9.75	1.6	333.
5.0	3456	14	6.00	456	8	5.75	456	8	9.75	2.1	417.
6.0	3456	15	3.25	3456	12	6.25	456	10	8.00	2.5	500.
7.0	345	8	9.75	3456	14	3.25	3456	14	5.75	2.9	583.
8.0	345	9	7.75	3456	15	1.25	3456	15	3.25	3.4	667.
9.0	345	10	6.00	345	6	9.25	3456	15	2.75	3.9	750.
10.0	345	10	5.50	345	7	8.25	345	9	8.00	4.3	833.
11.0	346	6	8.50	345	8	7.00	345	10	6.50	4.8	917.
12.0	346	6	8.00	345	9	6.00	345	10	6.00	5.3	1000.
13.0	346	6	7.75	345	9	5.75	345	10	5.50	5.8	1083.
14.0	346	6	7.50	346	4	9.25	345	10	5.25	6.4	1167.
15.0	34	3	9.50	346	4	9.00	346	6	8.25	6.9	1250.
16.0	34	3	9.25	346	5	8.25	346	6	8.00	7.4	1333.
17.0	34	2	9.75	346	5	8.00	346	6	8.00	8.0	1417.
18.0	56	0	6.00	34	2	10.00	34	3	9.75	8.5	1500.
19.0	56	0	5.75	34	2	9.75	34	3	9.75	9.1	1583.
20.0	56	0	5.75	34	2	9.75	34	3	9.50	9.6	1667.

TABLE K

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 24-GAUGE H88 LOADED CABLE WITHOUT BRIDGED TAP AT 68 F
(LENGTH INCLUDES 3 KFT END SECTIONS)

LENGTH(KFT) 22-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION						1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C		600/C		TELSET			
	S5	Z	S5	Z	S5	Z		
WL = 12								
6 6	8	7.75	9	8.75	8	9.75	2.6	525.
WL = 18								
6 12	89	7.00	89	7.25	7	7.50	3.9	845.
12 6	8	7.50	8	7.75	7	7.75	3.4	730.
WL = 24								
6 18	89	6.75	89	7.00	7	7.00	5.2	1164.
12 12	8	7.25	8	7.50	7	7.00	4.7	1050.
18 6	8	7.25	8	7.50	7	7.25	4.3	935.
WL = 30								
6 24	89	6.50	89	6.75	7	6.50	6.6	1484.
12 18	8	7.00	8	7.25	89	7.00	6.0	1369.
18 12	8	7.25	8	7.25	89	7.25	5.6	1255.
24 6	8	7.25	8	7.50	89	7.25	5.2	1140.
WL = 36								
6 30	89	6.50	89	6.50	89	6.75	8.0	1804.
12 24	8	7.00	8	7.25	89	6.75	7.5	1689.
18 18	8	7.00	8	7.25	89	6.75	7.0	1574.
24 12	8	7.25	8	7.25	89	7.00	6.5	1459.
30 6	8	7.25	8	7.50	89	7.00	6.1	1345.

TABLE K (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 24-GAUGE H88 LOADED CABLE WITHOUT BRIDGED TAP AT 68 F
(LENGTH INCLUDES 3 KFT END SECTIONS)

LENGTH(KFT) 22-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION						1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C		600/C		TELSET			
	S5	Z	S5	Z	S5	Z		
WL = 42								
18 24	8	7.00	8	7.00	8	7.00	8.4	1894.
24 18	8	7.25	8	7.25	8	7.25	7.9	1779.
30 12	8	7.25	8	7.25	8	7.25	7.5	1664.
36 6	8	7.25	8	7.25	8	7.25	7.0	1550.
WL = 48								
30 18	8	7.25	8	7.25	8	7.00	8.8	1984.
36 12	8	7.25	8	7.25	8	7.25	8.4	1869.
42 6	8	7.25	8	7.25	8	7.25	7.9	1755.
WL = 54								
48 6	8	7.25	8	7.25	8	7.00	8.8	1960.

TABLE L

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 22-GAUGE H88 LOADED CABLE WITHOUT BRIDGED TAP AT 68 F
(LENGTH INCLUDES 3 KFT END SECTIONS)

LENGTH(KFT) 24-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION						1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C		600/C		TELSET			
	S5	Z	S5	Z	S5	Z		
WL = 12								
6 6	89	7.75	9	9.25	89	9.75	2.6	525.
WL = 18								
6 12	7	7.00	89	7.75	79	7.75	3.5	730.
12 6	7	7.00	7	7.25	78	7.00	3.9	845.
WL = 24								
6 18	7	6.75	7	7.00	79	7.25	4.3	935.
12 12	7	6.75	7	7.00	78	6.50	4.8	1050.
18 6	7	6.75	7	7.00	78	6.50	5.2	1164.
WL = 30								
6 24	7	6.75	7	7.00	79	6.75	5.2	1140.
12 18	7	6.75	7	6.75	79	6.50	5.7	1255.
18 12	7	6.50	7	6.75	79	6.50	6.1	1369.
24 6	7	6.50	7	6.75	79	6.50	6.6	1484.
WL = 36								
6 30	89	7.25	7	6.75	7	7.00	6.1	1345.
12 24	7	6.75	7	6.75	79	6.25	6.6	1459.
18 18	7	6.50	7	6.75	79	6.25	7.1	1574.
24 12	7	6.50	7	6.50	79	6.25	7.5	1689.
30 6	7	6.50	7	6.50	7	6.50	8.0	1804.

TABLE L (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 22-GAUGE H88 LOADED CABLE WITHOUT BRIDGED TAP AT 68 F
(LENGTH INCLUDES 3 KFT END SECTIONS)

LENGTH(KFT) 24-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION						1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C		600/C		TELSET			
	S5	Z	S5	Z	S5	Z		
WL = 42								
6 36	89	7.25	7	6.75	7	6.75	7.0	1550.
12 30	7	6.50	7	6.75	7	6.75	7.5	1664.
18 24	7	6.50	7	6.50	7	6.50	8.0	1779.
24 18	7	6.50	7	6.50	7	6.50	8.5	1894.
WL = 48								
6 42	89	7.00	89	7.25	89	7.00	7.9	1755.
12 36	7	6.50	7	6.50	7	6.50	8.4	1869.
18 30	7	6.50	7	6.50	7	6.50	8.9	1984.
WL = 54								
6 48	89	7.00	89	7.00	89	7.00	8.8	1960.

TABLE M

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 26-GAUGE H88 LOADED CABLE WITHOUT BRIDGED TAP AT 68 F
(LENGTH INCLUDES 3 KFT END SECTIONS)

LENGTH(KFT) 22-GA 26-GA	BALANCE NETWORK SETTINGS BY TERMINATION						1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C		600/C		TELSET			
	S5	Z	S5	Z	S5	Z		
WL = 12								
6 6	89	7.25	8	8.00	7	8.25	3.4	713.
WL = 18								
6 12	7	6.25	7	6.50	79	6.50	5.3	1222.
12 6	8	7.25	8	7.50	7	7.50	4.1	918.
WL = 24								
6 18	7	6.00	7	6.00	79	5.75	7.2	1730.
12 12	89	6.50	89	6.75	7	6.50	6.0	1427.
18 6	8	7.25	8	7.50	89	7.50	5.0	1123.
WL = 30								
12 18	8	6.75	8	7.00	89	6.50	8.0	1935.
18 12	8	7.00	8	7.00	89	6.75	6.9	1632.
24 6	8	7.25	8	7.25	89	7.00	5.9	1328.
WL = 36								
24 12	8	7.00	8	7.00	8	7.25	7.9	1837.
30 6	8	7.25	8	7.25	8	7.25	6.9	1533.
WL = 42								
36 6	8	7.25	8	7.25	8	7.25	7.8	1738.
WL = 48								
42 6	8	7.25	8	7.25	8	7.25	8.6	1943.

TABLE N

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 26-
AND 22-GAUGE H88 LOADED CABLE WITHOUT BRIDGED TAP AT 68 F
(LENGTH INCLUDES 3 KFT END SECTIONS)

LENGTH(KFT) 26-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION						1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C		600/C		TELSET			
	S5	Z	S5	Z	S5	Z		
WL = 12								
6 6	78	7.00	7	8.50	789	8.25	3.3	713.
WL = 18								
6 12	78	6.75	78	7.00	789	7.50	4.2	918.
12 6	789	6.00	789	6.25	789	7.00	5.3	1222.
WL = 24								
6 18	78	6.75	78	7.00	789	7.00	5.1	1123.
12 12	789	6.00	789	6.25	789	6.50	6.2	1427.
18 6	789	5.75	789	6.00	789	6.25	7.3	1730.
WL = 30								
6 24	78	6.50	78	6.75	789	6.50	6.0	1328.
12 18	789	6.00	789	6.00	789	6.25	7.2	1632.
18 12	789	5.75	789	6.00	789	6.00	8.3	1935.
WL = 36								
6 30	78	6.50	78	6.75	78	6.75	6.9	1533.
12 24	789	6.00	789	6.00	789	6.00	8.1	1837.
WL = 42								
6 36	78	6.50	78	6.75	78	6.50	7.8	1738.
WL = 48								
6 42	79	7.00	78	6.50	78	6.50	8.7	1943.

TABLE 0

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 26-GAUGE H88 LOADED CABLE WITHOUT BRIDGED TAP AT 68 F
(LENGTH INCLUDES 3 KFT END SECTIONS)

LENGTH(KFT). 24-GA 26-GA	BALANCE NETWORK SETTINGS BY TERMINATION						1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C		600/C		TELSET			
	S5	Z	S5	Z	S5	Z		
WL = 12								
6 6	79	6.50	7	7.25	78	7.50	3.8	828.
WL = 18								
6 12	79	6.00	79	6.25	789	5.75	5.8	1337.
12 6	7	6.75	7	7.00	78	6.50	5.1	1148.
WL = 24								
6 18	79	5.75	79	6.00	78	5.75	7.8	1845.
12 12	7	6.25	7	6.50	79	6.25	7.1	1656.
18 6	7	6.50	7	6.75	79	6.50	6.4	1468.
WL = 30								
18 12	7	6.25	7	6.50	7	6.50	8.5	1976.
24 6	7	6.50	7	6.50	79	6.25	7.9	1787.

TABLE P

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 26-
AND 24-GAUGE H88 LOADED CABLE WITHOUT BRIDGED TAP AT 68 F
(LENGTH INCLUDES 3 KFT END SECTIONS)

LENGTH(KFT) 26-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION						1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C		600/C		TELSET			
	S5	Z	S5	Z	S5	Z		
WL = 12								
6 6	78	7.00	79	7.75	789	8.00	3.8	828.
WL = 18								
6 12	78	6.75	789	6.50	789	7.00	5.1	1148.
12 6	789	6.00	789	6.25	789	6.75	5.8	1337.
WL = 24								
6 18	78	6.50	789	6.25	789	6.50	6.5	1468.
12 12	789	5.75	789	6.00	789	6.25	7.2	1656.
18 6	789	5.75	789	6.00	789	6.00	7.8	1845.
WL = 30								
6 24	78	6.25	78	6.50	789	6.25	7.9	1787.
12 18	789	5.75	789	6.00	789	6.00	8.6	1976.

TABLE Q

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 7											
6 1	245	10	7.50	2456	14	3.25	2456	13	8.25	1.6	248.
5 2	245	10	7.75	2456	15	2.00	2456	13	8.25	1.6	268.
4 3	245	10	8.00	2456	15	2.25	2456	14	6.75	1.7	287.
3 4	245	10	8.00	2456	15	2.50	2456	14	7.00	1.8	306.
2 5	245	10	8.50	2456	15	2.75	2456	14	7.25	1.9	325.
1 6	45	9	.25	2456	14	4.50	2456	14	7.50	2.0	344.
WL = 8											
7 1	245	11	5.75	2456	15	1.50	2456	15	4.00	1.8	281.
6 2	245	11	5.75	2456	15	1.75	2456	15	4.25	1.9	300.
5 3	245	12	4.75	2456	15	2.00	2456	15	4.25	2.0	320.
4 4	245	12	5.00	2456	15	2.25	2456	15	4.50	2.1	339.
3 5	245	11	6.25	2456	15	2.25	2456	15	4.75	2.2	358.
2 6	245	11	6.50	2456	15	2.50	2456	15	4.75	2.2	377.
1 7	245	11	6.75	2456	15	2.75	2456	15	5.00	2.3	396.
WL = 9											
8 1	245	12	3.75	2456	15	1.25	2456	15	3.50	2.1	314.
7 2	245	12	4.00	2456	15	1.50	2456	15	3.50	2.2	333.
6 3	245	12	4.00	245	7	7.00	2456	15	3.75	2.3	352.
5 4	245	13	3.00	245	8	6.50	2456	15	3.75	2.4	371.
4 5	245	13	3.25	245	8	6.75	2456	15	4.00	2.4	391.
3 6	245	12	4.50	245	8	7.00	2456	15	4.25	2.5	410.
2 7	245	12	4.75	245	7	8.25	2456	15	4.25	2.6	429.

TABLE Q (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 12												
11	1	245	13	1.25	245	10	3.50	245	11	4.25	3.0	412.
10	2	245	13	1.25	245	10	3.50	245	12	3.25	3.1	431.
9	3	246	10	3.50	245	10	3.50	245	12	3.50	3.2	451.
8	4	246	10	3.75	245	11	3.00	245	12	3.50	3.3	470.
7	5	246	10	3.75	245	11	3.00	245	12	3.50	3.4	489.
6	6	246	10	4.00	245	11	3.25	245	12	3.75	3.4	508.
5	7	246	10	4.00	245	11	3.50	245	12	3.75	3.5	527.
4	8	246	10	4.25	245	11	3.50	245	12	4.00	3.6	546.
3	9	246	10	4.50	245	11	3.75	245	12	4.25	3.7	565.
2	10	246	9	5.75	245	10	5.00	245	12	4.50	3.8	584.
1	11	246	9	6.00	245	10	5.25	245	11	5.75	3.8	604.
WL = 13												
12	1	246	10	3.00	245	10	3.25	245	12	2.75	3.3	445.
11	2	246	10	3.00	245	11	2.50	245	12	2.75	3.4	464.
10	3	246	10	3.25	245	11	2.50	245	12	3.00	3.5	483.
9	4	246	10	3.25	245	11	2.50	245	12	3.00	3.6	502.
8	5	246	10	3.25	245	11	2.75	245	13	2.00	3.7	522.
7	6	246	10	3.50	245	11	2.75	245	13	2.00	3.8	541.
6	7	246	10	3.50	245	11	3.00	245	13	2.25	3.8	560.
5	8	246	10	3.75	245	11	3.25	245	13	2.25	3.9	579.
4	9	246	10	4.00	245	11	3.50	245	13	2.50	4.0	598.
3	10	246	10	4.25	245	11	3.75	245	12	3.75	4.1	617.

TABLE Q (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 9											
1 8	245	12	5.00	245	7	8.50	2456	15	4.50	2.7	448.
WL = 10											
9 1	245	13	2.25	245	8	5.50	2456	15	3.00	2.4	347.
8 2	245	13	2.25	245	9	5.00	2456	15	3.00	2.5	366.
7 3	245	13	2.25	245	9	5.00	2456	15	3.25	2.6	385.
6 4	245	13	2.50	245	9	5.25	2456	15	3.25	2.6	404.
5 5	245	13	2.50	245	9	5.50	2456	15	3.50	2.7	423.
4 6	245	13	2.75	245	9	5.75	2456	15	3.50	2.8	442.
3 7	245	13	3.00	245	9	6.00	2456	15	3.75	2.9	462.
2 8	245	13	3.00	245	9	6.25	2456	15	4.00	3.0	481.
1 9	245	12	4.50	245	8	7.50	2456	15	4.25	3.1	500.
WL = 11											
10 1	245	13	1.75	245	9	4.50	2456	15	2.50	2.7	380.
9 2	245	13	1.75	245	10	3.75	2456	15	2.50	2.8	399.
8 3	245	13	1.75	245	10	4.00	245	11	5.00	2.9	418.
7 4	245	14	.75	245	10	4.00	245	11	5.25	3.0	437.
6 5	245	14	.75	245	10	4.25	245	11	5.25	3.0	456.
5 6	245	14	1.00	245	10	4.50	245	11	5.50	3.1	475.
4 7	245	13	2.25	245	10	4.75	245	12	4.50	3.2	494.
3 8	245	13	2.50	245	10	5.00	245	11	5.75	3.3	513.
2 9	245	13	2.75	245	10	5.25	245	11	6.00	3.4	533.
1 10	245	12	4.00	245	9	6.50	245	11	6.25	3.4	552.

TABLE Q (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 13												
2	11	246	9	5.25	245	11	4.00	245	12	4.00	4.2	636.
1	12	246	9	5.50	245	10	5.25	245	12	4.25	4.2	655.
WL = 14												
13	1	246	10	2.75	245	11	2.00	245	12	2.50	3.7	478.
12	2	246	10	2.75	245	11	2.25	245	12	2.50	3.8	497.
11	3	246	10	2.75	245	11	2.25	245	13	1.50	3.8	516.
10	4	246	10	2.75	245	11	2.25	245	13	1.50	3.9	535.
9	5	246	10	3.00	245	11	2.50	245	13	1.50	4.0	554.
8	6	246	10	3.00	245	12	1.75	245	13	1.75	4.1	573.
7	7	246	10	3.25	245	12	1.75	245	13	1.75	4.2	593.
6	8	246	10	3.25	245	12	2.00	245	13	2.00	4.2	612.
5	9	246	10	3.50	245	12	2.25	245	13	2.00	4.3	631.
4	10	246	10	3.75	245	12	2.25	245	13	2.25	4.4	650.
3	11	246	10	4.00	245	11	3.50	245	13	2.50	4.5	669.
2	12	246	9	5.00	245	11	3.75	245	12	3.75	4.6	688.
1	13	246	8	6.00	245	10	5.00	245	12	4.00	4.7	707.
WL = 15												
14	1	246	10	2.25	245	11	2.00	245	12	2.25	4.0	511.
13	2	246	10	2.50	245	11	2.00	245	13	1.25	4.1	530.
12	3	246	10	2.50	245	11	2.00	245	13	1.25	4.2	549.
11	4	246	10	2.50	245	11	2.00	245	13	1.25	4.3	568.
10	5	246	10	2.50	246	7	4.50	245	13	1.25	4.4	587.

TABLE Q (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 15											
9 6	246	10	2.75	246	8	4.00	245	13	1.25	4.4	606.
8 7	246	10	2.75	246	8	4.00	245	13	1.50	4.5	625.
7 8	246	10	3.00	246	8	4.25	245	13	1.50	4.6	645.
6 9	246	10	3.00	246	8	4.50	245	13	1.75	4.7	664.
5 10	246	10	3.25	246	8	4.75	245	13	1.75	4.7	683.
4 11	246	10	3.50	246	8	5.00	245	13	2.00	4.8	702.
3 12	246	9	4.50	246	7	5.75	245	13	2.25	4.9	721.
2 13	246	9	4.75	246	7	6.25	245	12	3.50	5.0	740.
1 14	246	8	5.75	246	6	7.25	245	12	3.75	5.1	759.
WL = 16											
15 1	246	9	2.75	246	6	4.50	245	12	1.75	4.3	543.
14 2	246	9	2.75	246	7	4.00	245	13	.75	4.4	563.
13 3	24	7	4.00	246	7	4.00	245	13	.75	4.5	582.
12 4	24	7	4.00	246	7	4.00	245	13	1.00	4.6	601.
11 5	24	8	3.50	246	8	3.50	245	13	1.00	4.7	620.
10 6	24	8	3.50	246	8	3.75	245	13	1.00	4.8	639.
9 7	24	8	3.75	246	8	3.75	245	13	1.00	4.9	658.
8 8	24	8	3.75	246	8	4.00	245	13	1.25	4.9	677.
7 9	24	8	4.00	246	8	4.00	245	13	1.25	5.0	696.
6 10	24	8	4.00	246	8	4.25	245	13	1.50	5.1	716.
5 11	24	8	4.25	246	8	4.50	245	13	1.50	5.2	735.
4 12	24	7	5.25	246	8	4.75	245	13	1.75	5.2	754.

TABLE Q (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 16											
3 13	24	7	5.50	246	7	5.75	245	13	2.00	5.3	773.
2 14	24	6	6.50	246	7	6.00	245	12	3.25	5.4	792.
1 15	24	6	6.75	246	6	7.00	245	12	3.50	5.5	811.
WL = 17											
16 1	24	7	3.75	246	7	3.75	245	12	1.50	4.7	576.
15 2	24	7	3.75	246	7	3.75	245	13	.75	4.8	595.
14 3	24	7	3.75	246	7	3.75	245	13	.75	4.9	614.
13 4	24	7	3.75	246	7	3.75	245	13	.75	5.0	634.
12 5	24	7	3.75	246	7	4.00	245	13	.75	5.1	653.
11 6	24	7	3.75	246	8	3.50	245	13	.75	5.1	672.
10 7	24	7	4.00	246	8	3.50	246	10	3.00	5.2	691.
9 8	24	8	3.50	246	8	3.75	246	10	3.00	5.3	710.
8 9	24	8	3.50	246	8	3.75	246	10	3.00	5.4	729.
7 10	24	8	3.75	246	8	4.00	246	10	3.25	5.4	748.
6 11	24	7	4.50	246	8	4.25	246	10	3.50	5.5	767.
5 12	24	7	4.75	246	8	4.50	246	10	3.50	5.6	787.
4 13	24	7	5.00	246	8	4.75	246	9	4.75	5.7	806.
3 14	24	7	5.25	246	7	5.50	246	9	5.00	5.8	825.
2 15	24	6	6.25	246	7	6.00	246	9	5.25	5.8	844.
1 16	24	5	7.25	246	6	7.00	246	8	6.25	5.9	863.

TABLE Q (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 18												
17 1	24	6	4.00	246	7	3.50	245	12	1.25	5.1	609.	
16 2	24	7	3.50	246	7	3.50	246	9	3.25	5.1	628.	
15 3	24	7	3.50	246	7	3.75	246	9	3.25	5.2	647.	
14 4	24	7	3.50	246	7	3.75	246	9	3.25	5.3	666.	
13 5	24	7	3.50	246	7	3.75	246	9	3.25	5.4	685.	
12 6	24	7	3.50	246	8	3.25	246	9	3.25	5.5	705.	
11 7	24	7	3.75	246	8	3.25	246	9	3.25	5.6	724.	
10 8	24	7	3.75	246	8	3.50	246	10	2.75	5.6	743.	
9 9	24	7	4.00	246	8	3.50	246	10	2.75	5.7	762.	
8 10	24	7	4.00	246	8	3.75	246	10	3.00	5.8	781.	
7 11	24	7	4.25	246	8	3.75	246	10	3.00	5.9	800.	
6 12	24	7	4.50	246	8	4.00	246	10	3.25	6.0	819.	
5 13	24	7	4.75	246	8	4.25	246	9	4.25	6.0	838.	
4 14	24	7	5.00	246	8	4.50	246	9	4.50	6.1	858.	
3 15	24	6	5.75	246	7	5.50	246	9	4.75	6.2	877.	
2 16	24	6	6.25	246	7	5.75	246	8	5.75	6.3	896.	
1 17	24	5	7.00	246	6	6.75	246	8	6.00	6.4	915.	
WL = 19												
18 1	24	6	3.75	246	6	4.00	246	8	3.75	5.4	642.	
17 2	24	6	3.75	246	7	3.50	246	9	3.00	5.5	661.	
16 3	24	6	3.75	246	7	3.50	246	9	3.00	5.6	680.	
15 4	24	6	3.75	246	7	3.50	246	9	3.00	5.7	699.	

TABLE Q (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 19											
14 5	24	7	3.25	246	7	3.50	246	9	3.00	5.8	718.
13 6	24	7	3.50	246	7	3.50	246	9	3.00	5.9	737.
12 7	24	7	3.50	246	8	3.00	246	9	3.00	5.9	756.
11 8	24	7	3.50	246	8	3.25	246	9	3.25	6.0	776.
10 9	24	7	3.75	246	8	3.25	246	9	3.25	6.1	795.
9 10	24	7	3.75	246	8	3.50	246	10	2.75	6.2	814.
8 11	24	7	4.00	246	8	3.50	246	10	2.75	6.2	833.
7 12	24	7	4.00	246	8	3.75	246	10	3.00	6.3	852.
6 13	24	7	4.25	246	8	4.00	246	10	3.00	6.4	871.
5 14	24	7	4.50	246	8	4.25	246	9	4.00	6.5	890.
4 15	24	6	5.50	246	8	4.50	246	9	4.25	6.6	909.
3 16	24	6	5.75	246	7	5.50	246	9	4.50	6.6	929.
2 17	24	5	6.75	246	7	5.75	246	8	5.50	6.7	948.
1 18	24	5	7.00	246	6	6.75	246	8	6.00	6.8	967.
WL = 20											
19 1	24	6	3.75	246	6	4.00	246	8	3.50	5.8	674.
18 2	24	6	3.75	246	7	3.25	246	8	3.50	5.9	694.
17 3	24	6	3.75	246	7	3.25	246	8	3.50	6.0	713.
16 4	24	6	3.75	246	7	3.50	246	9	2.75	6.1	732.
15 5	256	5	4.25	246	7	3.50	246	9	2.75	6.1	751.
14 6	256	5	4.25	24	5	4.25	246	9	2.75	6.2	770.
13 7	256	5	4.25	24	5	4.50	246	9	3.00	6.3	789.

TABLE Q (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 20												
12	8	256	5	4.25	24	5	4.50	246	9	3.00	6.4	808.
11	9	256	5	4.50	24	5	4.50	246	9	3.00	6.4	827.
10	10	256	5	4.50	24	5	4.75	246	9	3.00	6.5	847.
9	11	256	5	4.75	24	6	4.25	246	9	3.25	6.6	866.
8	12	256	5	5.00	24	6	4.50	246	9	3.25	6.7	885.
7	13	256	5	5.00	24	6	4.75	246	9	3.50	6.8	904.
6	14	256	5	5.25	24	6	5.00	246	9	3.75	6.8	923.
5	15	256	5	5.50	24	5	5.75	246	9	4.00	6.9	942.
4	16	256	5	5.75	24	5	6.00	246	9	4.25	7.0	961.
3	17	256	4	6.75	24	5	6.25	246	9	4.50	7.1	980.
2	18	256	3	7.50	24	4	7.25	246	8	5.50	7.2	1000.
1	19	256	3	8.00	24	3	8.25	246	7	6.50	7.3	1019.
WL = 21												
20	1	256	4	4.50	246	6	3.75	246	8	3.25	6.1	707.
19	2	256	4	4.50	24	4	4.50	246	8	3.25	6.2	726.
18	3	256	4	4.50	24	4	4.50	246	8	3.25	6.3	745.
17	4	256	4	4.50	24	4	4.75	246	8	3.25	6.4	765.
16	5	256	4	4.50	24	4	4.75	246	8	3.25	6.5	784.
15	6	256	4	4.50	24	4	4.75	246	9	2.75	6.6	803.
14	7	256	4	4.50	24	5	4.25	246	9	2.75	6.7	822.
13	8	256	5	4.25	24	5	4.25	246	9	2.75	6.7	841.
12	9	256	5	4.25	24	5	4.50	246	9	2.75	6.8	860.

TABLE Q (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 21												
11	10	256	5	4.25	24	5	4.50	246	9	3.00	6.9	879.
10	11	256	5	4.50	24	5	4.75	24	7	4.00	7.0	898.
9	12	256	5	4.75	24	6	4.25	24	7	4.25	7.0	918.
8	13	256	5	4.75	24	6	4.50	24	7	4.50	7.1	937.
7	14	256	5	5.00	24	6	4.75	24	7	4.50	7.2	956.
6	15	256	5	5.25	24	5	5.50	24	7	4.75	7.3	975.
5	16	256	5	5.50	24	5	5.75	24	7	5.00	7.4	994.
4	17	256	4	6.25	24	5	6.00	24	7	5.25	7.4	1013.
3	18	256	4	6.75	24	5	6.25	24	6	6.25	7.5	1032.
2	19	256	3	7.50	24	4	7.25	24	6	6.50	7.6	1052.
1	20	256	2	8.50	24	3	8.00	24	5	7.50	7.7	1071.
WL = 22												
21	1	256	3	4.75	24	3	5.00	246	8	3.25	6.5	740.
20	2	256	3	4.75	24	3	5.00	246	8	3.25	6.6	759.
19	3	256	3	4.75	24	4	4.50	246	8	3.25	6.7	778.
18	4	256	3	4.75	24	4	4.50	246	8	3.25	6.8	797.
17	5	256	4	4.50	24	4	4.50	246	8	3.25	6.9	816.
16	6	256	4	4.50	24	4	4.50	24	6	4.25	7.0	836.
15	7	256	4	4.50	24	4	4.75	24	6	4.25	7.0	855.
14	8	256	4	4.50	24	5	4.25	24	6	4.25	7.1	874.
13	9	256	4	4.50	24	5	4.25	24	6	4.25	7.2	893.
12	10	256	4	4.75	24	5	4.25	24	7	3.75	7.3	912.

TABLE Q (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 22												
11	11	256	4	4.75	24	5	4.50	24	7	4.00	7.3	931.
10	12	256	5	4.50	24	5	4.50	24	7	4.00	7.4	950.
9	13	256	5	4.50	24	5	4.75	24	7	4.00	7.5	970.
8	14	256	5	4.75	24	5	5.00	24	7	4.25	7.6	989.
7	15	256	5	5.00	24	5	5.25	24	7	4.50	7.6	1008.
6	16	256	4	5.75	24	5	5.25	24	7	4.75	7.7	1027.
5	17	256	4	6.00	24	5	5.75	24	7	5.00	7.8	1046.
4	18	256	4	6.25	24	5	6.00	24	6	5.75	7.9	1065.
3	19	256	3	7.00	24	5	6.25	24	6	6.25	8.0	1084.
2	20	256	3	7.50	24	4	7.25	24	5	7.00	8.1	1103.
1	21	256	2	8.25	24	3	8.00	24	5	7.50	8.2	1123.
WL = 23												
22	1	256	3	4.75	24	3	4.75	24	8	3.00	6.9	773.
21	2	256	3	4.75	24	3	4.75	24	5	4.50	7.0	792.
20	3	256	3	4.75	24	3	4.75	24	5	4.50	7.1	811.
19	4	256	3	4.75	24	4	4.50	24	5	4.50	7.1	830.
18	5	256	3	4.75	24	4	4.50	24	6	4.00	7.2	849.
17	6	256	3	4.75	24	4	4.50	24	6	4.00	7.3	868.
16	7	256	3	4.75	24	4	4.50	24	6	4.00	7.4	887.
15	8	256	4	4.50	24	4	4.50	24	6	4.00	7.5	907.
14	9	256	4	4.50	24	5	4.25	24	6	4.00	7.6	926.
13	10	256	4	4.50	24	5	4.25	24	6	4.25	7.6	945.

TABLE Q (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 23												
12	11	256	4	4.50	24	5	4.25	24	6	4.25	7.7	964.
11	12	256	4	4.75	24	5	4.50	24	7	3.75	7.8	983.
10	13	256	4	4.75	24	5	4.50	24	7	4.00	7.9	1002.
9	14	256	4	5.00	24	5	4.75	24	7	4.00	7.9	1021.
8	15	256	4	5.25	24	5	5.00	24	7	4.25	8.0	1041.
7	16	256	4	5.50	24	5	5.00	24	7	4.50	8.1	1060.
6	17	256	4	5.75	24	5	5.25	24	7	4.50	8.2	1079.
5	18	256	4	6.00	24	5	5.50	24	6	5.50	8.2	1098.
4	19	256	4	6.25	24	5	6.00	24	6	5.75	8.3	1117.
3	20	256	3	7.00	24	4	6.75	24	6	6.00	8.4	1136.
2	21	256	3	7.50	24	4	7.00	24	5	7.00	8.5	1155.
1	22	256	2	8.25	24	3	8.00	24	4	8.00	8.6	1174.
WL = 24												
23	1	256	2	5.00	24	3	4.75	24	5	4.50	7.2	805.
22	2	256	2	5.00	24	3	4.75	24	5	4.50	7.3	825.
21	3	256	2	5.00	24	3	4.75	24	5	4.50	7.4	844.
20	4	256	3	4.75	24	3	4.75	24	5	4.50	7.5	863.
19	5	256	3	4.75	24	3	4.75	24	5	4.50	7.6	882.
18	6	25	2	5.00	24	4	4.50	24	5	4.50	7.7	901.
17	7	25	2	5.00	24	4	4.50	24	5	4.50	7.8	920.
16	8	25	2	5.25	24	4	4.50	24	6	4.00	7.8	939.
15	9	25	2	5.25	24	4	4.50	24	6	4.00	7.9	959.

TABLE Q (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 24											
14 10	25	2	5.25	24	4	4.50	24	6	4.00	8.0	978.
13 11	25	3	5.00	24	5	4.25	24	6	4.00	8.1	997.
12 12	25	3	5.00	24	5	4.25	24	6	4.25	8.2	1016.
11 13	25	3	5.25	24	5	4.50	24	6	4.25	8.2	1035.
10 14	25	3	5.25	24	5	4.50	24	6	4.50	8.3	1054.
9 15	25	3	5.50	24	5	4.75	24	6	4.50	8.4	1073.
8 16	256	4	5.25	24	5	4.75	24	6	4.75	8.5	1092.
7 17	256	4	5.50	24	5	5.00	24	6	5.00	8.5	1112.
6 18	256	4	5.75	24	5	5.25	24	6	5.25	8.6	1131.
5 19	256	4	6.00	24	5	5.50	24	6	5.50	8.7	1150.
4 20	256	3	6.75	24	5	5.75	24	6	5.75	8.8	1169.
3 21	256	3	7.00	24	4	6.75	24	5	6.50	8.9	1188.
2 22	256	2	8.00	24	4	7.00	24	5	7.00	9.0	1207.
1 23	256	1	8.75	24	3	8.00	24	4	8.00	9.1	1226.
WL = 25											
24 1	256	2	5.00	24	3	4.75	24	5	4.25	7.6	838.
23 2	256	2	5.00	24	3	4.75	24	5	4.25	7.7	857.
22 3	25	1	5.50	24	3	4.75	24	5	4.25	7.8	877.
21 4	25	1	5.50	24	3	4.75	24	5	4.25	7.9	896.
20 5	25	1	5.50	24	3	4.75	24	5	4.25	8.0	915.
19 6	25	1	5.50	24	3	4.75	24	5	4.25	8.1	934.
18 7	25	1	5.50	256	2	5.25	24	5	4.25	8.1	953.

TABLE Q (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 25												
17	8	25	2	5.00	256	2	5.25	24	5	4.25	8.2	972.
16	9	25	2	5.00	256	2	5.25	24	5	4.50	8.3	991.
15	10	25	2	5.25	256	2	5.25	24	5	4.50	8.4	1010.
14	11	25	2	5.25	256	3	5.00	24	6	4.00	8.4	1030.
13	12	25	2	5.25	256	3	5.00	24	6	4.00	8.5	1049.
12	13	25	2	5.50	256	3	5.00	24	6	4.00	8.6	1068.
11	14	25	2	5.50	256	3	5.25	24	6	4.25	8.7	1087.
10	15	25	3	5.25	256	3	5.50	256	5	4.75	8.7	1106.
9	16	25	3	5.50	256	3	5.50	256	5	5.00	8.8	1125.
8	17	25	3	5.50	256	4	5.25	256	5	5.25	8.9	1144.
7	18	25	3	5.75	24	5	5.00	24	6	4.75	9.0	1163.
6	19	25	3	6.00	24	5	5.25	24	6	5.00	9.1	1183.
5	20	25	2	6.75	24	5	5.50	24	6	5.25	9.1	1202.
4	21	256	3	6.75	24	5	5.75	24	6	5.50	9.2	1221.
3	22	256	3	7.00	24	4	6.75	24	5	6.50	9.3	1240.
2	23	256	2	8.00	24	4	7.00	24	5	7.00	9.4	1259.
1	24	256	1	8.75	24	3	8.00	24	4	7.75	9.5	1278.
WL = 26												
25	1	25	0	5.75	24	3	4.75	24	4	4.75	7.9	871.
24	2	25	0	5.75	24	3	4.75	24	4	4.75	8.1	890.
23	3	25	0	5.75	24	3	4.75	24	4	4.75	8.2	909.
22	4	25	1	5.25	256	1	5.50	24	4	4.75	8.2	928.

TABLE Q (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 26											
21 5	25	1	5.25	256	1	5.50	24	5	4.25	8.3	948.
20 6	25	1	5.25	256	1	5.50	24	5	4.25	8.4	967.
19 7	25	1	5.25	256	1	5.50	24	5	4.25	8.5	986.
18 8	25	1	5.50	256	2	5.25	256	3	5.25	8.6	1005.
17 9	25	1	5.50	256	2	5.25	256	3	5.25	8.7	1024.
16 10	25	1	5.50	256	2	5.25	256	4	4.75	8.7	1043.
15 11	25	2	5.25	256	2	5.25	256	4	4.75	8.8	1062.
14 12	25	2	5.25	256	3	5.00	256	4	4.75	8.9	1081.
13 13	25	2	5.25	256	3	5.00	256	4	5.00	9.0	1101.
12 14	25	2	5.50	256	3	5.00	256	4	5.00	9.0	1120.
11 15	25	2	5.50	256	3	5.25	256	4	5.25	9.1	1139.
10 16	25	2	5.75	256	3	5.25	256	4	5.25	9.2	1158.
9 17	25	2	5.75	256	3	5.50	256	5	5.00	9.3	1177.
8 18	25	2	6.00	256	3	5.75	256	5	5.00	9.3	1196.
7 19	25	2	6.25	256	3	6.00	256	5	5.25	9.4	1215.
6 20	25	2	6.50	256	3	6.25	256	4	6.00	9.5	1234.
5 21	25	2	6.75	256	3	6.50	256	4	6.25	9.6	1254.
4 22	25	2	7.25	256	3	6.75	256	4	6.75	9.7	1273.
3 23	25	1	8.00	256	2	7.50	256	3	7.50	9.8	1292.
2 24	25	1	8.25	256	2	8.00	256	3	8.00	9.9	1311.
1 25	25	0	9.25	256	1	8.75	256	2	8.75	10.0	1330.

TABLE Q (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 27											
26 1	25	0	5.75	24	2	5.00	24	4	4.75	8.3	904.
25 2	25	0	5.75	256	1	5.50	24	4	4.75	8.4	923.
24 3	25	0	5.75	256	1	5.50	24	4	4.75	8.5	942.
23 4	25	0	5.75	256	1	5.50	24	4	4.75	8.6	961.
22 5	25	0	5.75	256	1	5.50	256	3	5.00	8.7	980.
21 6	25	0	5.75	256	1	5.50	256	3	5.00	8.8	999.
20 7	25	0	5.75	256	1	5.50	256	3	5.00	8.9	1019.
19 8	25	1	5.25	256	1	5.50	256	3	5.00	9.0	1038.
18 9	25	1	5.25	256	2	5.00	256	3	5.00	9.0	1057.
17 10	25	1	5.50	256	2	5.25	256	3	5.00	9.1	1076.
16 11	25	1	5.50	256	2	5.25	256	3	5.25	9.2	1095.
15 12	25	1	5.50	256	2	5.25	256	4	4.75	9.3	1114.
14 13	25	2	5.25	256	2	5.25	256	4	4.75	9.3	1133.
13 14	25	2	5.25	256	3	5.00	256	4	5.00	9.4	1152.
12 15	25	2	5.50	256	3	5.00	256	4	5.00	9.5	1172.
11 16	25	2	5.50	256	3	5.25	256	4	5.00	9.6	1191.
10 17	25	2	5.75	256	3	5.25	256	4	5.25	9.6	1210.
9 18	25	2	5.75	256	3	5.50	256	4	5.50	9.7	1229.
8 19	25	2	6.00	256	3	5.75	256	4	5.50	9.8	1248.
7 20	25	2	6.25	256	3	6.00	256	4	5.75	9.9	1267.
6 21	25	2	6.50	256	3	6.25	256	4	6.00	10.0	1286.
5 22	25	2	6.75	256	3	6.50	256	4	6.25	10.0	1305.

TABLE Q (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 28											
27 1	25	0	5.75	256	0	5.75	24	4	4.75	8.7	937.
26 2	25	0	5.75	256	0	5.75	256	2	5.50	8.8	956.
25 3	25	0	5.75	256	0	5.75	256	2	5.50	8.9	975.
24 4	25	0	5.75	256	0	5.75	256	2	5.50	9.0	994.
23 5	25	0	5.75	256	1	5.50	256	2	5.50	9.1	1013.
22 6	25	0	5.75	256	1	5.50	256	2	5.50	9.2	1032.
21 7	25	0	5.75	256	1	5.50	256	2	5.50	9.2	1051.
20 8	25	0	5.75	256	1	5.50	256	3	5.00	9.3	1070.
19 9	25	0	5.75	256	1	5.50	256	3	5.00	9.4	1090.
18 10	26	0	5.75	256	1	5.50	256	3	5.00	9.5	1109.
17 11	26	0	5.75	256	2	5.00	256	3	5.00	9.6	1128.
16 12	25	1	5.50	256	2	5.25	256	3	5.00	9.6	1147.
15 13	25	1	5.50	256	2	5.25	256	3	5.25	9.7	1166.
14 14	25	1	5.50	256	2	5.25	256	4	4.75	9.8	1185.
13 15	25	2	5.25	256	3	5.00	256	4	4.75	9.9	1204.
12 16	25	2	5.25	256	3	5.00	256	4	5.00	9.9	1223.
11 17	25	2	5.50	256	3	5.25	256	4	5.00	10.0	1243.
WL = 29											
28 1	25	0	5.75	256	0	5.75	256	2	5.50	9.0	969.
27 2	25	0	5.75	256	0	5.75	256	2	5.50	9.1	988.
26 3	25	0	5.50	256	0	5.75	256	2	5.50	9.2	1008.
25 4	25	0	5.50	256	0	5.75	256	2	5.50	9.3	1027.

TABLE Q (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 29												
24	5	25	0	5.50	256	0	5.75	256	2	5.50	9.4	1046.
23	6	25	0	5.50	256	0	5.75	256	2	5.25	9.5	1065.
22	7	25	0	5.50	256	1	5.25	256	2	5.25	9.6	1084.
21	8	25	0	5.75	256	1	5.50	256	2	5.25	9.7	1103.
20	9	25	0	5.75	256	1	5.50	256	2	5.25	9.8	1122.
19	10	25	0	5.75	256	1	5.50	256	3	5.00	9.8	1141.
18	11	26	0	5.75	256	1	5.50	256	3	5.00	9.9	1161.
17	12	26	0	5.75	256	2	5.00	256	3	5.00	10.0	1180.
WL = 30												
29	1	25	0	5.50	256	0	5.75	256	2	5.50	9.4	1002.
28	2	25	0	5.50	256	0	5.75	256	1	5.75	9.5	1021.
27	3	25	0	5.50	256	0	5.75	256	2	5.25	9.6	1040.
26	4	25	0	5.50	256	0	5.75	256	2	5.25	9.7	1059.
25	5	25	0	5.50	256	0	5.75	256	2	5.25	9.8	1079.
24	6	25	0	5.50	256	0	5.75	256	2	5.25	9.9	1098.
23	7	25	0	5.50	256	0	5.75	256	2	5.25	10.0	1117.
WL = 31												
30	1	25	0	5.50	256	0	5.75	256	1	5.75	9.8	1035.
29	2	25	0	5.50	256	0	5.75	256	1	5.75	9.9	1054.
28	3	25	0	5.50	256	0	5.75	256	1	5.75	10.0	1073.

TABLE R

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 7											
6 1	45	9	.25	2456	14	4.75	2456	13	9.50	2.0	344.
5 2	45	8	1.25	2456	13	5.75	2456	13	9.50	1.9	325.
4 3	45	8	1.00	2456	13	5.50	456	12	1.25	1.8	306.
3 4	45	8	.75	2456	13	5.25	456	12	1.00	1.7	287.
2 5	45	8	.25	2456	13	5.00	456	12	.75	1.6	268.
1 6	245	9	8.75	2456	14	3.50	456	12	.25	1.6	248.
WL = 8											
7 1	245	10	8.00	2456	15	3.00	2456	15	5.25	2.3	396.
6 2	245	10	8.00	2456	15	2.75	2456	15	5.25	2.2	377.
5 3	245	10	7.75	2456	15	2.75	2456	15	5.00	2.2	358.
4 4	245	10	7.75	2456	14	4.00	2456	14	6.75	2.1	339.
3 5	245	10	7.50	2456	14	3.75	2456	14	6.50	2.0	320.
2 6	245	10	7.25	2456	15	2.00	2456	14	6.25	1.9	300.
1 7	245	10	6.75	2456	15	1.75	2456	14	6.00	1.8	281.
WL = 9											
8 1	245	11	6.50	2456	15	2.75	2456	15	4.75	2.7	448.
7 2	245	11	6.25	2456	15	2.75	2456	15	4.75	2.6	429.
6 3	245	11	6.25	2456	15	2.50	2456	15	4.50	2.5	410.
5 4	245	10	7.00	2456	15	2.50	2456	15	4.50	2.4	391.
4 5	245	10	6.75	2456	15	2.25	2456	15	4.25	2.4	371.
3 6	245	11	5.50	2456	15	2.00	2456	15	4.00	2.3	352.
2 7	245	11	5.50	2456	15	1.75	2456	15	4.00	2.2	333.

TABLE R (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 9											
1 8	245	11	5.00	2456	15	1.50	2456	15	3.75	2.1	314.
WL = 10											
9 1	245	11	5.75	245	7	8.50	2456	15	4.25	3.1	500.
8 2	245	11	5.75	245	7	8.50	2456	15	4.25	3.0	481.
7 3	245	11	5.75	245	6	9.00	2456	15	4.25	2.9	462.
6 4	245	11	5.50	245	6	8.75	2456	15	4.00	2.8	442.
5 5	245	11	5.50	245	6	8.50	2456	15	4.00	2.7	423.
4 6	245	11	5.25	245	6	8.25	2456	15	3.75	2.6	404.
3 7	245	11	5.00	245	6	7.75	2456	15	3.50	2.6	385.
2 8	245	11	4.75	245	6	7.50	2456	15	3.50	2.5	366.
1 9	245	12	3.50	245	7	6.50	2456	15	3.25	2.4	347.
WL = 11											
10 1	245	12	4.25	245	8	7.50	245	10	7.75	3.4	552.
9 2	245	12	4.25	245	8	7.50	2456	15	4.00	3.4	533.
8 3	245	11	5.25	245	7	8.00	2456	15	3.75	3.3	513.
7 4	245	11	5.25	245	7	8.00	2456	15	3.75	3.2	494.
6 5	245	11	5.00	245	7	7.75	2456	15	3.75	3.1	475.
5 6	245	11	5.00	245	7	7.50	2456	15	3.50	3.0	456.
4 7	245	11	4.75	245	7	7.25	2456	15	3.25	3.0	437.
3 8	245	11	4.50	245	7	6.75	2456	15	3.25	2.9	418.
2 9	245	12	3.25	245	7	6.50	2456	15	3.00	2.8	399.
1 10	245	12	3.00	245	8	5.50	2456	15	2.75	2.7	380.

TABLE R (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 22-GA		BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
		900/C			600/C			TELSET				
		S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 12												
11	1	246	8	7.00	245	9	6.50	245	10	7.25	3.8	604.
10	2	246	7	7.75	245	8	7.25	245	10	7.25	3.8	584.
9	3	246	7	7.75	245	8	7.25	245	10	7.00	3.7	565.
8	4	246	7	7.75	245	8	7.00	245	10	7.00	3.6	546.
7	5	246	7	7.50	245	8	6.75	245	10	7.00	3.5	527.
6	6	246	7	7.25	245	7	7.25	245	9	7.75	3.4	508.
5	7	246	7	7.25	245	7	7.00	245	9	7.50	3.4	489.
4	8	245	11	4.25	245	7	6.75	245	9	7.25	3.3	470.
3	9	245	12	3.00	245	8	5.75	245	9	7.00	3.2	451.
2	10	245	12	2.75	245	8	5.50	245	10	6.00	3.1	431.
1	11	245	12	2.50	245	9	4.50	245	10	5.50	3.0	412.
WL = 13												
12	1	246	8	6.75	245	9	6.25	245	11	5.75	4.2	655.
11	2	246	8	6.75	245	9	6.25	245	11	5.75	4.2	636.
10	3	246	7	7.50	245	9	6.25	245	11	5.75	4.1	617.
9	4	246	7	7.25	245	8	6.75	245	10	6.75	4.0	598.
8	5	246	7	7.25	245	8	6.75	245	10	6.50	3.9	579.
7	6	246	7	7.00	245	8	6.50	245	10	6.50	3.8	560.
6	7	246	7	6.75	245	8	6.25	245	10	6.25	3.8	541.
5	8	246	7	6.75	245	8	6.00	245	10	6.00	3.7	522.
4	9	246	7	6.50	245	8	5.75	245	10	5.75	3.6	502.
3	10	246	7	6.00	245	8	5.50	245	10	5.50	3.5	483.

TABLE R (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION						1-KHZ CABLE LOSS (DB) (900 OHMS)	DC. CABLE RES (OHMS)			
	900/C			600/C					TELSET		
	S5	R2	Z	S5	R2	Z			S5	R2	Z
WL = 13											
2 11	246	8	5.25	245	9	4.50	245	10	5.25	3.4	464.
1 12	246	9	4.00	245	9	4.25	245	11	4.00	3.3	445.
WL = 14											
13 1	246	8	6.50	245	9	6.00	245	11	5.50	4.7	707.
12 2	246	7	7.25	245	9	6.00	245	11	5.50	4.6	688.
11 3	246	7	7.00	245	9	6.00	245	11	5.25	4.5	669.
10 4	246	7	7.00	245	9	6.00	245	11	5.25	4.4	650.
9 5	246	7	7.00	245	9	5.75	245	10	6.25	4.3	631.
8 6	246	7	6.75	245	8	6.50	245	10	6.25	4.2	612.
7 7	246	7	6.75	245	8	6.25	245	10	6.00	4.2	593.
6 8	246	7	6.50	245	8	6.00	245	10	5.75	4.1	573.
5 9	246	7	6.25	245	8	5.75	245	10	5.75	4.0	554.
4 10	246	7	6.00	245	8	5.50	245	10	5.50	3.9	535.
3 11	246	7	5.75	245	8	5.25	245	10	5.25	3.8	516.
2 12	246	8	4.75	245	9	4.25	245	11	4.00	3.8	497.
1 13	246	9	3.75	245	9	4.00	245	11	3.75	3.7	478.
WL = 15											
14 1	246	7	7.00	246	5	8.25	245	11	5.00	5.1	759.
13 2	246	7	7.00	246	5	8.25	245	11	5.00	5.0	740.
12 3	246	7	6.75	245	9	6.00	245	11	5.00	4.9	721.
11 4	246	7	6.75	245	9	5.75	245	11	5.00	4.8	702.
10 5	246	7	6.75	245	9	5.75	245	11	5.00	4.7	683.

TABLE R (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 15											
9 6	246	7	6.75	245	9	5.75	245	10	6.00	4.7	664.
8 7	246	6	7.25	245	8	6.25	245	10	5.75	4.6	645.
7 8	246	6	7.00	245	8	6.00	245	10	5.75	4.5	625.
6 9	246	6	6.75	245	8	6.00	245	10	5.50	4.4	606.
5 10	246	7	6.00	245	8	5.75	245	10	5.25	4.4	587.
4 11	246	7	5.75	245	8	5.25	245	10	5.00	4.3	568.
3 12	246	7	5.25	245	8	5.00	245	10	4.75	4.2	549.
2 13	246	8	4.50	245	9	4.00	245	11	3.75	4.1	530.
1 14	246	8	4.00	245	10	3.00	245	11	3.25	4.0	511.
WL = 16											
15 1	24	5	7.75	246	5	8.00	245	11	4.75	5.5	811.
14 2	24	4	8.50	246	5	8.00	245	11	4.75	5.4	792.
13 3	24	4	8.50	246	5	8.00	245	11	4.75	5.3	773.
12 4	24	4	8.25	246	4	8.50	245	11	4.75	5.2	754.
11 5	246	7	6.50	246	4	8.50	245	11	4.75	5.2	735.
10 6	246	6	7.25	246	4	8.25	245	11	4.75	5.1	716.
9 7	246	6	7.00	246	3	8.75	245	10	5.75	5.0	696.
8 8	246	6	7.00	246	3	8.50	245	10	5.50	4.9	677.
7 9	246	6	6.75	246	3	8.50	245	10	5.50	4.9	658.
6 10	246	6	6.50	246	3	8.25	245	10	5.25	4.8	639.
5 11	246	6	6.25	246	3	7.75	245	10	5.00	4.7	620.
4 12	246	6	6.00	246	3	7.50	245	10	4.75	4.6	601.

TABLE R (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 16											
3 13	246	7	5.00	246	4	6.75	245	11	3.50	4.5	582.
2 14	246	7	4.75	246	4	6.25	245	11	3.25	4.4	563.
1 15	246	8	3.75	246	5	5.50	245	12	2.00	4.3	543.
WL = 17											
16 1	24	4	8.25	246	5	8.00	246	7	7.50	5.9	863.
15 2	24	4	8.25	246	5	8.00	246	7	7.50	5.8	844.
14 3	24	4	8.25	246	5	8.00	246	7	7.50	5.8	825.
13 4	24	4	8.25	246	4	8.50	245	11	4.75	5.7	806.
12 5	24	4	8.25	246	4	8.25	245	11	4.75	5.6	787.
11 6	24	3	8.50	246	4	8.25	245	11	4.50	5.5	767.
10 7	24	3	8.50	246	4	8.25	245	10	5.50	5.4	748.
9 8	24	3	8.50	246	3	8.50	245	10	5.50	5.4	729.
8 9	24	3	8.25	246	3	8.50	245	10	5.25	5.3	710.
7 10	24	3	8.00	246	3	8.25	245	10	5.00	5.2	691.
6 11	24	3	7.75	246	3	8.00	245	10	5.00	5.1	672.
5 12	24	3	7.50	246	3	7.75	245	10	4.75	5.1	653.
4 13	24	3	7.25	246	3	7.25	245	10	4.50	5.0	634.
3 14	24	4	6.25	246	4	6.50	245	10	4.25	4.9	614.
2 15	24	5	5.50	246	4	6.00	245	11	3.00	4.8	595.
1 16	24	6	4.50	246	5	5.25	245	11	2.75	4.7	576.

TABLE R (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 18											
17 1	24	4	8.00	246	5	7.75	246	7	7.25	6.4	915.
16 2	24	4	8.00	246	5	7.75	246	7	7.25	6.3	896.
15 3	24	4	8.00	246	5	7.75	246	7	7.25	6.2	877.
14 4	24	4	8.00	246	5	7.75	246	7	7.25	6.1	858.
13 5	24	3	8.50	246	4	8.25	246	6	8.00	6.0	838.
12 6	24	3	8.50	246	4	8.25	246	6	8.00	6.0	819.
11 7	24	3	8.50	246	4	8.25	246	6	7.75	5.9	800.
10 8	24	3	8.25	246	4	8.00	246	6	7.75	5.8	781.
9 9	24	3	8.25	246	3	8.50	246	6	7.75	5.7	762.
8 10	24	3	8.00	246	3	8.25	246	6	7.50	5.6	743.
7 11	24	2	8.25	246	3	8.00	245	10	5.00	5.6	724.
6 12	24	3	7.50	246	3	7.75	245	10	4.75	5.5	705.
5 13	24	3	7.25	246	3	7.50	245	10	4.50	5.4	685.
4 14	24	3	7.00	246	3	7.25	245	10	4.25	5.3	666.
3 15	24	4	6.25	246	4	6.25	245	10	4.00	5.2	647.
2 16	24	4	5.75	246	4	6.00	245	11	2.75	5.1	628.
1 17	24	5	5.00	246	5	5.00	245	11	2.50	5.1	609.
WL = 19											
18 1	24	4	8.00	246	5	7.75	246	7	7.00	6.8	967.
17 2	24	3	8.50	246	5	7.75	246	7	7.00	6.7	948.
16 3	24	3	8.50	246	5	7.75	246	7	7.00	6.6	929.
15 4	24	3	8.50	246	5	7.75	246	6	7.75	6.6	909.

TABLE R (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 19												
14	5	24	3	8.50	246	4	8.25	246	6	7.75	6.5	890.
13	6	24	3	8.50	246	4	8.25	246	6	7.75	6.4	871.
12	7	24	3	8.50	246	4	8.25	246	6	7.75	6.3	852.
11	8	24	3	8.25	246	4	8.00	246	6	7.75	6.2	833.
10	9	24	2	8.75	246	3	8.50	246	6	7.50	6.2	814.
9	10	24	2	8.50	246	3	8.25	246	5	8.00	6.1	795.
8	11	24	2	8.25	246	3	8.25	246	5	8.00	6.0	776.
7	12	24	2	8.25	246	3	8.00	246	5	7.75	5.9	756.
6	13	24	2	8.00	246	3	7.75	246	5	7.50	5.9	737.
5	14	24	2	7.50	246	3	7.25	246	5	7.25	5.8	718.
4	15	24	3	6.75	246	3	7.00	246	6	6.25	5.7	699.
3	16	24	3	6.50	246	4	6.25	246	6	6.00	5.6	680.
2	17	24	4	5.50	246	4	5.75	246	7	5.00	5.5	661.
1	18	24	5	4.75	246	5	5.00	246	7	4.75	5.4	642.
WL = 20												
19	1	256	1	9.50	24	2	9.00	246	7	7.00	7.3	1019.
18	2	256	1	9.50	24	2	9.00	246	7	7.00	7.2	1000.
17	3	24	3	8.50	246	5	7.75	246	6	7.75	7.1	980.
16	4	24	3	8.50	246	5	7.75	246	6	7.75	7.0	961.
15	5	24	3	8.50	246	4	8.25	246	6	7.75	6.9	942.
14	6	24	3	8.50	246	4	8.25	246	6	7.75	6.8	923.
13	7	24	2	8.75	246	4	8.00	246	6	7.50	6.8	904.

TABLE R (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 20												
12	8	24	2	8.75	246	4	8.00	246	6	7.50	6.7	885.
11	9	24	2	8.75	246	3	8.50	246	6	7.50	6.6	866.
10	10	24	2	8.50	246	3	8.25	246	5	8.00	6.5	847.
9	11	24	2	8.50	246	3	8.25	246	5	8.00	6.4	827.
8	12	24	2	8.25	246	3	8.00	246	5	7.75	6.4	808.
7	13	24	2	8.00	246	3	7.75	246	5	7.50	6.3	789.
6	14	24	2	7.75	246	3	7.50	246	5	7.25	6.2	770.
5	15	24	2	7.50	246	3	7.25	246	5	7.00	6.1	751.
4	16	24	2	7.00	246	3	7.00	246	5	6.75	6.1	732.
3	17	24	3	6.25	246	3	6.50	246	6	5.75	6.0	713.
2	18	24	3	6.00	246	4	5.75	246	6	5.50	5.9	694.
1	19	24	4	5.00	246	5	4.75	246	7	4.50	5.8	674.
WL = 21												
20	1	256	1	9.25	24	2	9.00	24	4	8.50	7.7	1071.
19	2	256	1	9.25	24	2	9.00	246	6	7.50	7.6	1052.
18	3	256	1	9.25	24	2	9.00	246	6	7.50	7.5	1032.
17	4	256	1	9.25	24	2	9.00	246	6	7.50	7.4	1013.
16	5	256	1	9.25	24	1	9.50	246	6	7.50	7.4	994.
15	6	256	1	9.25	246	4	8.25	246	6	7.50	7.3	975.
14	7	24	2	8.75	246	4	8.00	246	6	7.50	7.2	956.
13	8	24	2	8.75	246	4	8.00	246	6	7.50	7.1	937.
12	9	24	2	8.75	246	4	8.00	246	5	8.00	7.0	918.

TABLE R (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 21											
11 10	24	2	8.50	246	3	8.50	246	5	8.00	7.0	898.
10 11	24	1	9.00	246	3	8.25	246	5	8.00	6.9	879.
9 12	24	1	8.75	246	3	8.25	246	5	7.75	6.8	860.
8 13	24	1	8.50	246	3	8.00	246	5	7.50	6.7	841.
7 14	24	1	8.25	246	2	8.25	246	5	7.50	6.7	822.
6 15	256	0	8.50	246	2	8.00	246	5	7.25	6.6	803.
5 16	256	0	8.25	246	3	7.25	246	5	6.75	6.5	784.
4 17	256	0	7.75	246	3	6.75	246	5	6.50	6.4	765.
3 18	256	0	7.50	24	0	7.50	246	5	6.25	6.3	745.
2 19	256	1	6.50	246	4	5.50	246	6	5.25	6.2	726.
1 20	256	2	5.75	246	5	4.75	246	7	4.25	6.1	707.
WL = 22											
21 1	256	1	9.25	24	2	9.00	24	4	8.50	8.2	1123.
20 2	256	1	9.25	24	2	9.00	24	4	8.50	8.1	1103.
19 3	256	1	9.25	24	2	9.00	24	4	8.50	8.0	1084.
18 4	256	1	9.25	24	2	9.00	24	3	9.00	7.9	1065.
17 5	56	0	.25	24	1	9.50	24	3	9.00	7.8	1046.
16 6	56	0	.25	24	1	9.50	246	6	7.50	7.7	1027.
15 7	56	0	.25	24	1	9.50	246	6	7.50	7.6	1008.
14 8	256	0	9.50	24	1	9.50	246	6	7.50	7.6	989.
13 9	256	0	9.50	24	1	9.25	246	5	8.00	7.5	970.
12 10	256	0	9.50	4	0	.25	246	5	8.00	7.4	950.

TABLE R (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 22											
11 11	256	0	9.50	24	0	9.50	246	5	8.00	7.3	931.
10 12	256	0	9.25	24	0	9.50	246	5	7.75	7.3	912.
9 13	256	0	9.00	24	0	9.25	246	5	7.75	7.2	893.
8 14	256	0	9.00	24	0	9.00	246	4	8.00	7.1	874.
7 15	256	0	8.75	24	0	8.75	246	4	7.75	7.0	855.
6 16	256	0	8.25	24	0	8.50	246	4	7.50	7.0	836.
5 17	256	0	8.00	24	0	8.25	246	5	6.75	6.9	816.
4 18	256	0	7.75	24	0	7.75	246	5	6.50	6.8	797.
3 19	256	0	7.25	24	0	7.50	246	5	6.00	6.7	778.
2 20	256	1	6.50	24	1	6.50	246	6	5.00	6.6	759.
1 21	256	2	5.75	24	2	5.75	246	7	4.25	6.5	740.
WL = 23											
22 1	256	1	9.25	24	2	9.00	24	3	9.00	8.6	1174.
21 2	256	1	9.25	24	2	9.00	24	3	9.00	8.5	1155.
20 3	56	0	.25	24	2	9.00	24	3	9.00	8.4	1136.
19 4	56	0	.25	24	2	9.00	24	3	9.00	8.3	1117.
18 5	56	0	.25	24	1	9.50	24	3	9.00	8.2	1098.
17 6	56	0	.25	24	1	9.50	24	3	9.00	8.2	1079.
16 7	256	0	9.50	24	1	9.50	24	3	9.00	8.1	1060.
15 8	256	0	9.50	24	1	9.50	24	3	9.00	8.0	1041.
14 9	256	0	9.50	24	1	9.25	24	3	9.00	7.9	1021.
13 10	256	0	9.50	4	0	.25	24	2	9.50	7.9	1002.

TABLE R (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 23												
12	11	256	0	9.50	24	0	9.50	246	5	8.00	7.8	983.
11	12	256	0	9.25	24	0	9.50	246	5	7.75	7.7	964.
10	13	256	0	9.25	24	0	9.50	246	4	8.25	7.6	945.
9	14	256	0	9.00	24	0	9.25	246	4	8.00	7.6	926.
8	15	256	0	8.75	24	0	9.00	246	4	8.00	7.5	907.
7	16	256	0	8.50	24	0	8.75	246	4	7.75	7.4	887.
6	17	256	0	8.25	24	0	8.50	246	4	7.50	7.3	868.
5	18	256	0	8.00	24	0	8.25	246	4	7.25	7.2	849.
4	19	256	0	7.50	24	0	7.75	246	5	6.25	7.1	830.
3	20	256	0	7.25	24	0	7.25	246	5	6.00	7.1	811.
2	21	256	0	6.75	24	1	6.50	246	6	5.00	7.0	792.
1	22	256	1	6.00	24	2	5.75	246	6	4.50	6.9	773.
WL = 24												
23	1	256	0	9.50	24	2	9.00	24	3	8.75	9.1	1226.
22	2	256	0	9.50	24	2	9.00	24	3	9.00	9.0	1207.
21	3	256	0	9.50	24	2	9.00	24	3	9.00	8.9	1188.
20	4	256	0	9.50	24	2	9.00	24	3	9.00	8.8	1169.
19	5	56	0	.25	24	1	9.50	24	3	9.00	8.7	1150.
18	6	256	0	9.50	24	1	9.50	24	3	9.00	8.6	1131.
17	7	256	0	9.50	24	1	9.50	24	3	9.00	8.5	1112.
16	8	256	0	9.50	24	1	9.50	24	3	9.00	8.5	1092.
15	9	256	0	9.50	24	1	9.25	24	2	9.50	8.4	1073.

TABLE R (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 24											
14 10	256	0	9.50	4	0	.25	24	2	9.50	8.3	1054.
13 11	256	0	9.50	4	0	.25	24	2	9.25	8.2	1035.
12 12	256	0	9.50	24	0	9.50	24	2	9.25	8.2	1016.
11 13	256	0	9.25	24	0	9.50	24	2	9.25	8.1	997.
10 14	256	0	9.25	24	0	9.25	24	1	9.50	8.0	978.
9 15	256	0	9.00	24	0	9.25	24	1	9.25	7.9	959.
8 16	256	0	8.75	24	0	9.00	24	1	9.25	7.8	939.
7 17	256	0	8.50	24	0	8.75	24	1	9.00	7.8	920.
6 18	256	0	8.25	24	0	8.50	24	1	8.75	7.7	901.
5 19	256	0	8.00	24	0	8.00	24	1	8.25	7.6	882.
4 20	256	0	7.50	24	0	7.75	24	1	8.00	7.5	863.
3 21	256	0	7.25	24	0	7.25	24	2	7.00	7.4	844.
2 22	256	0	6.75	24	0	6.75	24	3	6.25	7.3	825.
1 23	256	1	6.00	24	1	6.00	24	4	5.25	7.2	805.
WL = 25											
24 1	256	0	9.50	24	2	9.00	24	3	8.75	9.5	1278.
23 2	256	0	9.50	24	2	9.00	24	3	8.75	9.4	1259.
22 3	256	0	9.50	24	2	9.00	24	3	8.75	9.3	1240.
21 4	256	0	9.50	24	2	9.00	24	3	8.75	9.2	1221.
20 5	256	0	9.50	24	1	9.50	24	3	8.75	9.1	1202.
19 6	256	0	9.50	24	1	9.50	24	3	9.00	9.1	1183.
18 7	256	0	9.50	24	1	9.50	24	3	9.00	9.0	1163.

TABLE R (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 25											
17 8	256	0	9.50	24	1	9.50	24	3	9.00	8.9	1144.
16 9	256	0	9.50	24	1	9.25	24	2	9.50	8.8	1125.
15 10	256	0	9.50	24	1	9.25	24	2	9.50	8.7	1106.
14 11	256	0	9.50	4	0	.25	24	2	9.25	8.7	1087.
13 12	256	0	9.50	24	0	9.50	24	2	9.25	8.6	1068.
12 13	256	0	9.50	24	0	9.50	24	2	9.25	8.5	1049.
11 14	256	0	9.25	24	0	9.50	24	1	9.50	8.4	1030.
10 15	256	0	9.25	24	0	9.25	24	1	9.50	8.4	1010.
9 16	256	0	9.00	24	0	9.25	24	1	9.25	8.3	991.
8 17	256	0	8.75	24	0	9.00	24	1	9.00	8.2	972.
7 18	256	0	8.50	24	0	8.75	24	1	8.75	8.1	953.
6 19	256	0	8.25	24	0	8.50	24	1	8.50	8.1	934.
5 20	256	0	7.75	24	0	8.00	24	1	8.25	8.0	915.
4 21	256	0	7.50	24	0	7.75	24	1	7.75	7.9	896.
3 22	256	0	7.00	24	0	7.25	24	2	7.00	7.8	877.
2 23	256	0	6.75	24	0	6.75	24	2	6.50	7.7	857.
1 24	256	0	6.25	24	1	6.00	24	3	5.75	7.6	838.
WL = 26											
25 1	256	0	9.50	56	0	.25	56	1	.25	10.0	1330.
24 2	256	0	9.50	56	0	.25	56	1	.25	9.9	1311.
23 3	256	0	9.50	24	1	9.25	56	1	.25	9.8	1292.
22 4	256	0	9.50	24	1	9.25	24	3	8.75	9.7	1273.

TABLE R (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 22-GA		BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
		900/C			600/C			TELSET				
		S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 26												
21	5	256	0	9.50	24	1	9.25	24	3	8.75	9.6	1254.
20	6	256	0	9.50	24	1	9.50	24	3	8.75	9.5	1234.
19	7	256	0	9.50	24	1	9.50	24	3	8.75	9.4	1215.
18	8	256	0	9.50	24	1	9.25	24	2	9.25	9.3	1196.
17	9	256	0	9.50	24	1	9.25	24	2	9.25	9.3	1177.
16	10	256	0	9.50	24	1	9.25	24	2	9.25	9.2	1158.
15	11	256	0	9.50	4	0	.25	24	2	9.25	9.1	1139.
14	12	256	0	9.50	4	0	.25	24	2	9.25	9.0	1120.
13	13	256	0	9.50	24	0	9.50	24	2	9.25	9.0	1101.
12	14	256	0	9.25	24	0	9.50	24	1	9.50	8.9	1081.
11	15	256	0	9.25	24	0	9.50	24	1	9.50	8.8	1062.
10	16	256	0	9.00	24	0	9.25	24	1	9.50	8.7	1043.
9	17	24	0	9.00	24	0	9.00	24	1	9.25	8.7	1024.
8	18	24	0	8.75	24	0	9.00	24	0	9.50	8.6	1005.
7	19	256	0	8.50	24	0	8.75	24	0	9.25	8.5	986.
6	20	256	0	8.25	24	0	8.25	24	0	9.00	8.4	967.
5	21	256	0	7.75	24	0	8.00	24	0	8.50	8.3	948.
4	22	256	0	7.50	24	0	7.75	24	1	7.75	8.2	928.
3	23	256	0	7.00	24	0	7.25	24	1	7.50	8.2	909.
2	24	256	0	6.50	24	0	6.75	24	2	6.50	8.1	890.
1	25	256	0	6.25	24	1	6.00	24	3	5.75	7.9	871.

TABLE R (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 27											
22 5	256	0	9.50	24	1	9.25	56	1	.25	10.0	1305.
21 6	256	0	9.50	24	1	9.25	56	1	.25	10.0	1286.
20 7	256	0	9.50	24	1	9.25	24	2	9.25	9.9	1267.
19 8	256	0	9.50	24	1	9.25	24	2	9.25	9.8	1248.
18 9	256	0	9.50	24	1	9.25	24	2	9.25	9.7	1229.
17 10	256	0	9.50	24	1	9.25	24	2	9.25	9.6	1210.
16 11	256	0	9.50	4	0	.25	24	2	9.25	9.6	1191.
15 12	256	0	9.50	4	0	.25	24	2	9.25	9.5	1172.
14 13	256	0	9.50	4	0	.25	24	2	9.25	9.4	1152.
13 14	256	0	9.50	24	0	9.50	4	1	.25	9.3	1133.
12 15	256	0	9.25	24	0	9.50	24	1	9.50	9.3	1114.
11 16	256	0	9.25	24	0	9.50	24	1	9.50	9.2	1095.
10 17	24	0	9.00	24	0	9.25	24	1	9.25	9.1	1076.
9 18	24	0	9.00	24	0	9.00	24	0	9.50	9.0	1057.
8 19	24	0	8.75	24	0	8.75	24	0	9.50	9.0	1038.
7 20	24	0	8.50	24	0	8.50	24	0	9.25	8.9	1019.
6 21	256	0	8.25	24	0	8.25	24	0	8.75	8.8	999.
5 22	256	0	7.75	24	0	8.00	24	0	8.50	8.7	980.
4 23	256	0	7.50	24	0	7.50	24	1	7.75	8.6	961.
3 24	256	0	7.00	24	0	7.25	24	1	7.25	8.5	942.
2 25	256	0	6.50	24	0	6.75	24	2	6.50	8.4	923.
1 26	256	0	6.00	24	1	6.00	24	3	5.50	8.3	904.

TABLE R (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 28											
17 11	256	0	9.50	24	1	9.25	24	2	9.25	10.0	1243.
16 12	256	0	9.50	4	0	.25	24	2	9.25	9.9	1223.
15 13	256	0	9.50	4	0	.25	24	2	9.25	9.9	1204.
14 14	256	0	9.50	4	0	.25	4	1	.25	9.8	1185.
13 15	256	0	9.50	24	0	9.50	24	1	9.50	9.7	1166.
12 16	256	0	9.25	24	0	9.50	24	1	9.50	9.6	1147.
11 17	24	0	9.25	24	0	9.50	24	1	9.50	9.6	1128.
10 18	24	0	9.00	24	0	9.25	4	0	.25	9.5	1109.
9 19	24	0	9.00	24	0	9.00	24	0	9.50	9.4	1090.
8 20	24	0	8.75	24	0	8.75	24	0	9.25	9.3	1070.
7 21	24	0	8.50	24	0	8.50	24	0	9.00	9.2	1051.
6 22	24	0	8.25	24	0	8.25	24	0	8.75	9.2	1032.
5 23	256	0	7.75	24	0	8.00	24	0	8.50	9.1	1013.
4 24	256	0	7.50	24	0	7.50	24	0	8.00	9.0	994.
3 25	256	0	7.00	24	0	7.25	24	1	7.25	8.9	975.
2 26	256	0	6.50	24	0	6.75	24	1	6.75	8.8	956.
1 27	256	0	6.00	24	1	6.00	24	2	6.00	8.7	937.
WL = 29											
12 17	256	0	9.25	24	0	9.50	24	1	9.50	10.0	1180.
11 18	24	0	9.25	24	0	9.50	4	0	.25	9.9	1161.
10 19	24	0	9.00	24	0	9.25	4	0	.25	9.8	1141.
9 20	24	0	9.00	24	0	9.00	24	0	9.50	9.8	1122.

TABLE R (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 29											
8 21	24	0	8.75	24	0	8.75	24	0	9.25	9.7	1103.
7 22	24	0	8.50	24	0	8.50	24	0	9.00	9.6	1084.
6 23	24	0	8.25	24	0	8.25	24	0	8.75	9.5	1065.
5 24	256	0	7.75	24	0	8.00	24	0	8.50	9.4	1046.
4 25	256	0	7.50	24	0	7.50	24	0	8.00	9.3	1027.
3 26	256	0	7.00	24	0	7.25	24	1	7.25	9.2	1008.
2 27	256	0	6.50	24	0	6.75	256	0	7.25	9.1	988.
1 28	256	0	6.00	256	0	6.25	256	0	6.75	9.0	969.
WL = 30											
7 23	24	0	8.50	24	0	8.50	24	0	9.00	10.0	1117.
6 24	24	0	8.25	24	0	8.25	24	0	8.75	9.9	1098.
5 25	256	0	7.75	24	0	8.00	24	0	8.25	9.8	1079.
4 26	256	0	7.50	24	0	7.50	24	0	8.00	9.7	1059.
3 27	256	0	7.00	24	0	7.25	256	0	7.50	9.6	1040.
2 28	256	0	6.50	24	0	6.75	256	0	7.00	9.5	1021.
1 29	256	0	6.00	256	0	6.25	256	0	6.75	9.4	1002.
WL = 31											
3 28	256	0	7.00	24	0	7.00	256	0	7.50	10.0	1073.
2 29	256	0	6.50	24	0	6.75	256	0	7.00	9.9	1054.
1 30	256	0	6.00	256	0	6.25	256	0	6.50	9.8	1035.

TABLE S

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 26-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 26-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 7											
6 1	245	10	7.75	2456	15	2.25	2456	13	8.25	1.7	280.
5 2	245	11	7.25	2456	15	2.75	2456	14	7.25	1.9	330.
4 3	245	11	7.75	2456	15	3.25	2456	15	5.75	2.1	381.
3 4	245	11	8.25	2456	15	3.75	2456	15	6.25	2.3	432.
2 5	45	10	.75	2456	15	4.50	2456	15	7.00	2.5	482.
1 6	45	9	2.75	2456	15	5.25	2456	15	7.50	2.7	533.
WL = 8											
7 1	245	12	4.75	2456	15	1.75	2456	15	4.25	2.0	313.
6 2	245	12	5.00	2456	15	2.25	2456	15	4.50	2.2	363.
5 3	245	12	5.50	2456	15	2.75	2456	15	5.00	2.4	414.
4 4	245	12	6.00	2456	15	3.25	2456	15	5.25	2.6	464.
3 5	245	12	6.50	2456	15	3.75	2456	15	6.00	2.8	515.
2 6	245	12	7.25	2456	15	4.50	2456	15	6.50	3.0	566.
1 7	245	11	9.25	2456	15	5.25	2456	15	7.25	3.2	616.
WL = 9											
8 1	245	13	2.75	245	8	6.25	2456	15	3.50	2.2	345.
7 2	245	13	3.00	245	8	6.75	2456	15	3.75	2.5	396.
6 3	245	13	3.50	245	9	6.50	2456	15	4.25	2.7	447.
5 4	245	13	3.75	245	10	6.00	2456	15	4.50	2.9	497.
4 5	245	13	4.25	245	10	6.75	2456	15	5.00	3.1	548.
3 6	245	13	4.75	245	9	8.50	2456	15	5.50	3.3	598.
2 7	245	12	6.75	245	9	9.25	2456	15	6.25	3.5	649.

TABLE S (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 26-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 26-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 9											
1 8	245	11	8.75	45	8	1.50	2456	15	6.75	3.6	699.
WL = 10											
9 1	245	13	2.25	245	9	5.00	2456	15	3.00	2.5	378.
8 2	245	13	2.50	245	10	4.50	2456	15	3.25	2.8	429.
7 3	245	14	1.50	245	10	5.00	245	11	6.25	3.0	479.
6 4	245	14	1.75	245	11	4.50	245	12	5.25	3.2	530.
5 5	245	14	2.00	245	11	5.00	245	12	5.75	3.4	580.
4 6	245	14	2.50	245	11	5.50	245	12	6.25	3.5	631.
3 7	245	13	4.25	245	11	6.25	245	12	6.75	3.7	682.
2 8	245	13	5.00	245	10	8.00	245	11	8.75	3.9	732.
1 9	245	12	7.00	45	9	.50	45	10	1.25	4.1	783.
WL = 11											
10 1	245	13	1.75	245	10	3.75	245	11	5.00	2.8	411.
9 2	245	14	.75	245	11	3.25	245	12	4.00	3.1	462.
8 3	245	14	1.00	245	11	3.50	245	12	4.25	3.3	512.
7 4	245	14	1.25	245	12	3.00	245	13	3.25	3.5	563.
6 5	245	14	1.50	245	12	3.25	245	13	3.50	3.7	613.
5 6	245	14	1.75	245	12	3.75	245	13	4.00	3.9	664.
4 7	245	14	2.25	245	12	4.25	245	13	4.50	4.0	714.
3 8	245	14	2.50	245	11	6.00	245	13	5.00	4.2	765.
2 9	245	13	4.50	245	11	6.75	245	12	7.00	4.4	816.
1 10	46	8	.75	245	10	8.75	245	11	9.00	4.6	866.

TABLE S (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 26-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 26-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 12												
11	1	246	10	3.50	245	10	3.50	245	12	3.25	3.2	444.
10	2	246	10	3.75	245	11	3.00	245	12	3.50	3.4	494.
9	3	246	11	3.00	245	12	2.25	245	13	2.50	3.6	545.
8	4	246	11	3.25	245	12	2.50	245	13	2.75	3.8	595.
7	5	246	11	3.50	245	12	2.75	245	13	3.00	4.0	646.
6	6	246	11	4.00	245	13	2.25	245	14	2.00	4.2	697.
5	7	246	11	4.25	245	13	2.50	245	14	2.25	4.4	747.
4	8	246	11	4.75	245	12	4.25	245	14	2.75	4.5	798.
3	9	246	10	6.50	245	12	4.75	245	13	4.50	4.7	848.
2	10	246	9	8.25	245	11	6.75	245	13	5.25	4.9	899.
1	11	46	8	.25	245	10	8.50	245	12	7.25	5.1	949.
WL = 13												
12	1	246	10	3.00	245	11	2.50	245	12	2.75	3.5	477.
11	2	246	10	3.25	245	11	2.50	245	13	1.75	3.7	527.
10	3	246	11	2.50	245	12	2.00	245	13	2.00	3.9	578.
9	4	246	11	2.75	245	12	2.25	245	14	1.00	4.1	628.
8	5	246	11	3.00	245	13	1.50	245	14	1.25	4.3	679.
7	6	246	11	3.25	245	13	1.75	245	14	1.25	4.5	729.
6	7	246	11	3.75	245	13	2.00	245	14	1.75	4.7	780.
5	8	246	11	4.00	245	13	2.50	245	14	2.00	4.9	830.
4	9	246	11	4.50	245	13	3.00	245	14	2.50	5.0	881.
3	10	246	10	6.25	245	12	4.75	245	13	4.25	5.2	932.

TABLE S (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 26-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 26-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 13											
2 11	246	9	8.00	245	12	5.25	245	13	4.75	5.4	982.
1 12	46	8	.25	245	11	7.25	245	12	7.00	5.6	1033.
WL = 14											
13 1	246	10	2.75	245	11	2.25	245	12	2.50	3.8	509.
12 2	246	10	2.75	245	12	1.50	245	13	1.50	4.1	560.
11 3	246	11	2.00	245	12	1.50	245	13	1.50	4.3	610.
10 4	246	11	2.25	246	9	3.75	245	14	.50	4.5	661.
9 5	246	11	2.50	246	9	4.00	245	14	.75	4.7	712.
8 6	246	11	2.75	246	9	4.25	245	14	1.00	4.8	762.
7 7	246	11	3.00	246	10	3.75	245	14	1.25	5.0	813.
6 8	246	11	3.50	246	10	4.25	245	14	1.50	5.2	863.
5 9	246	11	3.75	246	10	4.75	245	14	1.75	5.4	914.
4 10	246	11	4.25	246	9	6.25	245	14	2.25	5.6	964.
3 11	246	10	6.00	246	9	7.00	245	14	2.75	5.8	1015.
2 12	246	9	7.75	246	8	8.75	245	13	4.75	5.9	1066.
1 13	246	8	9.50	46	6	1.75	245	12	6.75	6.2	1116.
WL = 15											
14 1	246	10	2.50	245	11	2.00	245	13	1.25	4.2	542.
13 2	246	10	2.50	246	8	3.75	245	13	1.25	4.4	593.
12 3	246	10	2.50	246	8	3.75	245	13	1.25	4.6	643.
11 4	24	9	3.25	246	9	3.25	245	14	.25	4.8	694.
10 5	24	9	3.50	246	9	3.50	245	14	.25	5.0	744.

TABLE S (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 26-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 26-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 15											
9 6	24	9	3.75	246	10	3.00	245	14	.50	5.2	795.
8 7	24	9	4.00	246	10	3.50	245	14	.75	5.4	845.
7 8	24	9	4.25	246	10	3.75	246	11	3.50	5.6	896.
6 9	24	9	4.75	246	10	4.25	246	11	4.00	5.7	947.
5 10	24	9	5.25	246	10	4.75	246	11	4.50	5.9	997.
4 11	24	9	5.75	246	10	5.25	246	11	5.00	6.1	1048.
3 12	24	8	7.50	246	9	6.75	246	10	6.50	6.3	1098.
2 13	24	7	9.00	246	8	8.50	246	9	8.25	6.5	1149.
1 14	4	5	2.00	46	7	.75	46	8	.50	6.7	1199.
WL = 16											
15 1	24	7	4.00	246	7	4.00	245	13	.75	4.5	575.
14 2	24	8	3.25	246	8	3.50	245	13	.75	4.7	625.
13 3	24	8	3.50	246	8	3.50	245	13	1.00	5.0	676.
12 4	24	8	3.50	246	9	3.00	2345	14	4.75	5.2	727.
11 5	24	9	3.00	246	9	3.25	246	11	2.50	5.4	777.
10 6	24	9	3.25	246	10	2.75	246	11	2.50	5.6	828.
9 7	24	9	3.50	246	10	3.00	246	11	2.75	5.7	878.
8 8	24	9	3.75	246	10	3.25	246	11	3.00	5.9	929.
7 9	24	9	4.25	246	10	3.75	246	11	3.25	6.1	979.
6 10	24	9	4.50	246	10	4.00	246	11	3.75	6.3	1030.
5 11	24	9	5.25	246	10	4.50	246	11	4.25	6.4	1080.
4 12	24	8	6.50	246	10	5.25	246	11	4.75	6.6	1131.

TABLE S (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 26-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 26-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 16											
3 13	24	8	7.25	246	9	6.75	246	10	6.25	6.8	1182.
2 14	24	7	9.00	246	8	8.50	246	9	8.00	7.0	1232.
1 15	4	5	1.75	46	7	.50	46	8	.25	7.2	1283.
WL = 17											
16 1	24	7	3.75	246	7	3.75	245	13	.50	4.9	608.
15 2	24	7	3.75	246	8	3.25	245	13	.50	5.1	658.
14 3	24	8	3.25	246	8	3.25	246	10	2.75	5.3	709.
13 4	24	8	3.25	246	9	2.75	246	10	2.75	5.5	759.
12 5	24	8	3.50	246	9	3.00	246	10	3.00	5.7	810.
11 6	24	9	3.00	246	9	3.25	246	11	2.25	5.9	860.
10 7	24	9	3.00	246	10	2.50	246	11	2.25	6.1	911.
9 8	24	9	3.25	246	10	3.00	246	11	2.50	6.3	962.
8 9	24	9	3.75	246	10	3.25	246	11	2.75	6.4	1012.
7 10	24	9	4.00	246	10	3.50	246	11	3.25	6.6	1063.
6 11	24	9	4.50	246	10	4.00	246	11	3.50	6.8	1113.
5 12	24	9	5.00	246	10	4.50	246	11	4.00	7.0	1164.
4 13	24	8	6.50	246	10	5.00	246	11	4.50	7.2	1214.
3 14	24	7	8.00	246	9	6.75	246	10	6.25	7.3	1265.
2 15	24	6	9.50	246	8	8.25	246	9	8.00	7.5	1316.
1 16	4	5	1.75	46	7	.50	46	8	.25	7.8	1366.

TABLE S (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 26-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 26-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 18											
17 1	24	7	3.50	246	7	3.50	246	9	3.25	5.2	640.
16 2	24	7	3.50	246	7	3.75	246	9	3.25	5.5	691.
15 3	24	7	3.50	246	8	3.25	246	10	2.50	5.7	741.
14 4	24	8	3.00	246	8	3.25	246	10	2.50	5.9	792.
13 5	24	8	3.00	246	9	2.75	246	10	2.50	6.1	843.
12 6	24	8	3.25	24	7	4.00	246	10	2.75	6.3	893.
11 7	256	7	4.00	24	7	4.25	246	11	2.00	6.5	944.
10 8	256	7	4.25	24	8	3.75	246	11	2.25	6.6	994.
9 9	256	7	4.50	24	8	4.00	246	11	2.50	6.8	1045.
8 10	256	8	4.25	24	8	4.50	246	11	2.75	7.0	1095.
7 11	24	9	4.00	24	8	4.75	246	11	3.00	7.2	1146.
6 12	24	9	4.50	24	8	5.25	246	11	3.50	7.3	1197.
5 13	24	8	5.75	24	8	5.75	246	11	4.00	7.5	1247.
4 14	24	8	6.25	24	7	7.25	246	11	4.50	7.7	1298.
3 15	24	7	8.00	24	7	8.00	246	10	6.00	7.9	1348.
2 16	24	6	9.50	24	6	9.50	246	9	7.75	8.1	1399.
1 17	4	5	1.75	4	4	2.50	4	5	2.25	8.3	1449.
WL = 19											
18 1	24	6	3.75	246	7	3.50	246	9	3.00	5.6	673.
17 2	24	7	3.25	246	7	3.50	246	9	3.00	5.8	724.
16 3	24	7	3.25	246	8	3.00	246	9	3.00	6.0	774.
15 4	256	6	4.00	24	6	4.00	246	10	2.25	6.3	825.

TABLE S (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 26-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 26-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 19												
14	5	256	6	4.00	24	6	4.00	246	10	2.25	6.5	875.
13	6	256	6	4.00	24	7	3.75	246	10	2.50	6.7	926.
12	7	256	7	3.75	24	7	3.75	246	10	2.50	6.8	977.
11	8	256	7	4.00	24	7	4.00	24	9	3.25	7.0	1027.
10	9	256	7	4.25	24	8	3.75	24	9	3.50	7.2	1078.
9	10	256	7	4.50	24	8	4.00	24	9	3.75	7.4	1128.
8	11	256	7	4.75	24	8	4.25	24	9	4.00	7.5	1179.
7	12	256	7	5.25	24	8	4.75	24	9	4.50	7.7	1229.
6	13	256	7	5.75	24	8	5.25	24	9	4.75	7.9	1280.
5	14	256	7	6.25	24	8	5.75	24	9	5.50	8.0	1330.
4	15	256	6	7.75	24	7	7.25	24	8	6.75	8.2	1381.
3	16	256	6	8.50	24	7	8.00	24	8	7.50	8.4	1432.
2	17	56	4	1.25	24	6	9.50	24	7	9.25	8.6	1482.
1	18	56	3	3.00	4	4	2.50	4	5	2.25	8.9	1533.
WL = 20												
19	1	24	6	3.75	246	7	3.25	246	8	3.50	5.9	706.
18	2	256	5	4.25	24	4	4.75	246	9	2.75	6.2	756.
17	3	256	5	4.25	24	5	4.25	246	9	2.75	6.4	807.
16	4	256	5	4.25	24	5	4.25	246	9	2.75	6.6	858.
15	5	256	6	3.75	24	6	4.00	24	7	4.00	6.8	908.
14	6	256	6	4.00	24	6	4.00	24	8	3.25	7.0	959.
13	7	256	6	4.00	24	7	3.50	24	8	3.50	7.2	1009.

TABLE S (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 26-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 26-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 20												
12	8	256	6	4.25	24	7	3.75	24	8	3.50	7.4	1060.
11	9	256	7	3.75	24	7	4.00	24	9	3.00	7.6	1110.
10	10	256	7	4.00	24	8	3.75	24	9	3.25	7.7	1161.
9	11	256	7	4.50	24	8	4.00	24	9	3.50	7.9	1212.
8	12	256	7	4.75	24	8	4.25	24	9	4.00	8.1	1262.
7	13	256	7	5.25	24	8	4.75	24	9	4.25	8.2	1313.
6	14	256	7	5.75	24	8	5.25	24	9	4.75	8.4	1363.
5	15	256	7	6.25	24	8	5.75	24	9	5.25	8.6	1414.
4	16	256	6	7.75	24	7	7.25	24	8	6.75	8.8	1464.
3	17	256	5	9.25	24	7	8.00	24	7	8.25	9.0	1515.
2	18	56	4	1.25	24	6	9.50	4	6	.25	9.2	1566.
1	19	56	2	3.50	4	4	2.50	4	5	2.25	9.4	1616.
WL = 21												
20	1	256	4	4.50	24	4	4.50	246	8	3.25	6.3	739.
19	2	256	4	4.50	24	4	4.50	246	8	3.25	6.6	789.
18	3	256	4	4.50	24	5	4.25	246	9	2.50	6.8	840.
17	4	256	5	4.00	24	5	4.25	24	7	3.75	7.0	890.
16	5	256	5	4.00	24	6	3.75	24	7	3.75	7.2	941.
15	6	256	5	4.25	24	6	3.75	24	7	3.75	7.4	991.
14	7	256	6	3.75	24	6	4.00	24	8	3.25	7.6	1042.
13	8	256	6	4.00	24	7	3.50	24	8	3.25	7.8	1093.
12	9	25	5	4.75	24	7	3.75	24	8	3.50	7.9	1143.

TABLE S (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 26-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 26-GA	BALANCE NETWORK SETTINGS BY TERMINATION						1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)			
	900/C			600/C					TELSET		
	S5	R2	Z	S5	R2	Z			S5	R2	Z
WL = 21											
11 10	256	7	3.75	256	6	4.50	24	8	3.75	8.1	1194.
10 11	256	7	4.00	24	8	3.50	24	9	3.25	8.3	1244.
9 12	256	7	4.25	24	8	4.00	24	9	3.50	8.4	1295.
8 13	256	7	4.75	24	8	4.25	24	9	3.75	8.6	1345.
7 14	256	7	5.25	24	8	4.75	24	9	4.25	8.8	1396.
6 15	256	7	5.75	24	8	5.25	24	9	4.75	9.0	1447.
5 16	256	7	6.25	24	8	5.75	24	9	5.25	9.1	1497.
4 17	256	6	7.75	24	7	7.00	24	8	6.75	9.3	1548.
3 18	256	5	9.00	24	7	7.75	24	7	8.25	9.5	1598.
2 19	56	4	1.00	4	5	.75	4	6	.25	9.7	1649.
1 20	56	2	3.50	4	4	2.25	4	5	2.00	10.0	1699.
WL = 22											
21 1	256	3	4.75	24	4	4.50	246	8	3.25	6.7	771.
20 2	256	4	4.25	24	4	4.50	24	6	4.00	6.9	822.
19 3	256	4	4.25	24	4	4.50	24	6	4.00	7.2	873.
18 4	256	4	4.50	24	5	4.00	24	6	4.00	7.4	923.
17 5	25	3	5.00	24	5	4.25	24	7	3.50	7.6	974.
16 6	25	4	4.50	256	4	4.75	24	7	3.50	7.8	1024.
15 7	25	4	4.50	256	4	4.75	24	7	3.75	8.0	1075.
14 8	25	4	4.75	256	5	4.50	24	7	3.75	8.1	1125.
13 9	25	5	4.50	256	5	4.50	24	8	3.25	8.3	1176.
12 10	25	5	4.50	256	6	4.25	256	7	4.00	8.5	1227.

TABLE S (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 26-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 26-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 22												
11	11	25	5	4.75	256	6	4.50	256	7	4.25	8.6	1277.
10	12	25	6	4.50	256	6	4.75	256	7	4.50	8.8	1328.
9	13	25	6	5.00	256	7	4.50	256	7	4.75	9.0	1378.
8	14	25	6	5.25	256	7	4.75	256	8	4.50	9.2	1429.
7	15	25	6	5.75	256	7	5.25	256	7	5.50	9.3	1479.
6	16	256	7	5.75	256	7	5.75	256	7	6.00	9.5	1530.
5	17	256	6	7.00	24	8	5.75	256	7	6.75	9.7	1580.
4	18	256	6	7.50	24	7	7.00	24	8	6.50	9.9	1631.
WL = 23												
22	1	256	3	4.75	24	3	4.75	24	5	4.50	7.0	804.
21	2	256	3	4.75	24	4	4.50	24	5	4.50	7.3	855.
20	3	25	2	5.00	24	4	4.50	24	6	4.00	7.5	905.
19	4	25	3	4.75	24	4	4.50	24	6	4.00	7.7	956.
18	5	25	3	4.75	256	3	5.00	24	6	4.00	8.0	1006.
17	6	25	3	4.75	256	4	4.50	24	6	4.00	8.1	1057.
16	7	25	4	4.50	256	4	4.50	256	5	4.50	8.3	1108.
15	8	25	4	4.50	256	4	4.75	256	6	4.00	8.5	1158.
14	9	25	4	4.75	256	5	4.25	256	6	4.25	8.7	1209.
13	10	25	5	4.25	256	5	4.50	256	6	4.25	8.9	1259.
12	11	25	5	4.50	256	6	4.25	256	7	4.00	9.0	1310.
11	12	25	5	4.75	256	6	4.50	256	7	4.00	9.2	1360.
10	13	25	5	5.00	256	6	4.75	256	7	4.25	9.4	1411.

TABLE S (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 26-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 26-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 23											
9 14	25	6	5.00	256	6	5.00	256	7	4.75	9.5	1462.
8 15	25	6	5.25	256	7	4.75	256	7	5.00	9.7	1512.
7 16	25	6	5.75	256	7	5.25	256	7	5.50	9.9	1563.
WL = 24											
23 1	256	2	5.00	24	3	4.75	24	5	4.50	7.4	837.
22 2	25	1	5.50	24	3	4.75	24	5	4.50	7.7	887.
21 3	25	2	5.00	256	2	5.25	24	5	4.25	7.9	938.
20 4	25	2	5.00	256	2	5.25	24	6	3.75	8.1	989.
19 5	25	2	5.00	256	3	4.75	24	6	3.75	8.3	1039.
18 6	25	3	4.75	256	3	4.75	256	5	4.25	8.5	1090.
17 7	25	3	4.75	256	4	4.50	256	5	4.25	8.7	1140.
16 8	25	3	4.75	256	4	4.50	256	5	4.50	8.9	1191.
15 9	25	4	4.50	256	4	4.75	256	6	4.00	9.1	1241.
14 10	25	4	4.75	256	5	4.25	256	6	4.00	9.2	1292.
13 11	25	4	4.75	256	5	4.50	256	6	4.25	9.4	1343.
12 12	25	5	4.50	256	6	4.00	256	6	4.50	9.6	1393.
11 13	25	5	4.75	256	6	4.25	256	7	4.00	9.7	1444.
10 14	25	5	5.00	256	6	4.75	256	7	4.25	9.9	1494.
WL = 25											
24 1	25	1	5.25	24	3	4.75	24	5	4.25	7.8	870.

TABLE S (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 26-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 26-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 25											
23 2	25	1	5.25	24	3	4.75	24	5	4.25	8.0	920.
22 3	25	1	5.25	256	2	5.00	24	5	4.25	8.3	971.
21 4	25	2	5.00	256	2	5.00	256	4	4.75	8.5	1021.
20 5	25	2	5.00	256	2	5.00	256	4	4.75	8.7	1072.
19 6	25	2	5.00	256	3	4.75	256	4	4.75	8.9	1123.
18 7	26	2	5.00	256	3	4.75	256	4	4.75	9.1	1173.
17 8	26	2	5.25	256	4	4.50	256	5	4.25	9.3	1224.
16 9	26	2	5.25	256	4	4.50	256	5	4.25	9.4	1274.
15 10	26	3	5.00	25	3	5.00	256	5	4.50	9.6	1325.
14 11	26	3	5.00	25	4	4.75	25	5	4.50	9.8	1375.
13 12	26	3	5.25	25	4	5.00	25	5	4.75	10.0	1426.
WL = 26											
25 1	25	0	5.75	24	3	4.75	24	4	4.75	8.1	902.
24 2	25	1	5.25	256	1	5.50	24	4	4.75	8.4	953.
23 3	25	1	5.25	256	1	5.50	256	3	5.00	8.6	1004.
22 4	25	1	5.25	256	2	5.00	256	3	5.00	8.9	1054.
21 5	26	0	5.75	256	2	5.00	256	3	5.00	9.1	1105.
20 6	26	1	5.25	256	2	5.00	256	4	4.50	9.3	1155.
19 7	26	1	5.50	256	3	4.75	256	4	4.50	9.5	1206.
18 8	26	1	5.50	25	2	5.25	256	4	4.50	9.6	1256.
17 9	26	2	5.25	25	2	5.25	25	4	4.75	9.8	1307.
16 10	26	2	5.25	25	3	5.00	25	4	4.75	10.0	1358.
WL = 27											
26 1	25	0	5.75	256	1	5.50	24	4	4.75	8.5	935.

TABLE S (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 22-
AND 26-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 22-GA 26-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 27												
25	2	25	0	5.75	256	1	5.50	256	2	5.50	8.8	986.
24	3	25	0	5.75	256	1	5.50	256	3	5.00	9.0	1036.
23	4	26	0	5.75	256	1	5.50	256	3	5.00	9.2	1087.
22	5	26	0	5.75	256	2	5.00	256	3	5.00	9.4	1138.
21	6	26	0	5.75	25	1	5.50	256	3	5.00	9.6	1188.
20	7	26	0	5.75	25	1	5.50	25	2	5.25	9.8	1239.
19	8	26	1	5.25	25	1	5.50	25	3	5.00	10.0	1289.
WL = 28												
27	1	25	0	5.75	256	0	5.75	256	2	5.50	8.9	968.
26	2	25	0	5.50	256	0	5.75	256	2	5.50	9.1	1019.
25	3	25	0	5.50	256	1	5.25	256	2	5.25	9.4	1069.
24	4	25	0	5.50	256	1	5.25	256	2	5.25	9.6	1120.
23	5	26	0	5.50	25	0	5.75	256	3	5.00	9.8	1170.
22	6	26	0	5.75	25	0	5.75	25	2	5.25	10.0	1221.
WL = 29												
28	1	25	0	5.50	256	0	5.75	256	2	5.50	9.2	1001.
27	2	25	0	5.50	256	0	5.75	256	2	5.25	9.5	1051.
26	3	25	0	5.50	256	0	5.75	256	2	5.25	9.7	1102.
25	4	25	0	5.50	256	1	5.25	256	2	5.25	10.0	1152.
WL = 30												
29	1	25	0	5.50	256	0	5.75	256	1	5.75	9.6	1034.
28	2	25	0	5.50	256	0	5.75	256	2	5.25	9.8	1084.
WL = 31												
30	1	25	0	5.50	256	0	5.75	256	1	5.75	9.9	1066.

TABLE T

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 26-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 26-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 7												
6	1	45	7	5.50	2456	13	9.25	456	13	2.75	2.7	533.
5	2	45	6	6.00	456	12	.50	456	12	4.25	2.5	482.
4	3	2456	15	6.25	2456	12	9.25	456	11	5.00	2.3	432.
3	4	2456	15	5.75	2456	11	9.50	456	10	5.50	2.1	381.
2	5	2456	15	5.00	2456	12	7.50	456	10	4.50	1.9	330.
1	6	45	7	1.50	2456	13	5.25	456	11	2.25	1.7	280.
WL = 8												
7	1	45	9	2.75	2456	14	7.50	2456	15	7.75	3.2	616.
6	2	45	8	3.50	2456	14	7.25	456	14	.25	3.0	566.
5	3	45	7	4.00	2456	13	8.25	2456	14	9.25	2.8	515.
4	4	45	7	3.25	2456	13	7.50	456	13	1.00	2.6	464.
3	5	45	7	2.50	2456	13	6.75	456	13	.25	2.4	414.
2	6	45	8	.75	2456	13	6.00	2456	13	9.00	2.2	363.
1	7	245	9	8.50	2456	14	3.75	2456	14	6.50	2.0	313.
WL = 9												
8	1	45	9	2.25	45	5	5.00	2456	15	7.25	3.6	699.
7	2	45	9	2.00	2456	15	5.25	2456	15	7.25	3.5	649.
6	3	45	8	2.75	2456	14	6.75	2456	15	7.00	3.3	598.
5	4	45	8	2.00	2456	14	6.25	2456	15	6.50	3.1	548.
4	5	45	8	1.50	2456	14	5.75	2456	14	8.00	2.9	497.
3	6	45	8	.75	2456	14	5.00	2456	14	7.25	2.7	447.
2	7	245	9	8.50	2456	14	4.25	2456	15	4.75	2.5	396.

TABLE T (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 26-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 26-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 9												
1 8	245	10	6.75	2456	15	2.00	2456	15	4.00	2.2	345.	
WL = 10												
9 1	45	10	.50	45	6	4.00	2456	15	7.00	4.1	783.	
8 2	45	9	1.50	45	5	4.50	2456	15	6.75	3.9	732.	
7 3	45	9	1.25	45	4	5.00	2456	15	6.75	3.7	682.	
6 4	45	9	1.00	45	3	5.00	2456	15	6.50	3.5	631.	
5 5	45	8	1.50	45	2	4.75	2456	15	6.00	3.4	580.	
4 6	45	8	.75	45	2	4.00	2456	15	5.50	3.2	530.	
3 7	245	9	8.50	45	2	2.75	2456	15	5.00	3.0	479.	
2 8	245	9	7.75	45	3	1.00	2456	15	4.25	2.8	429.	
1 9	245	11	5.00	245	5	8.50	2456	15	3.50	2.5	378.	
WL = 11												
10 1	46	6	3.50	45	7	3.00	45	9	2.75	4.6	866.	
9 2	45	10	.25	45	7	2.75	45	9	2.75	4.4	816.	
8 3	45	9	1.00	45	6	3.50	45	8	3.75	4.2	765.	
7 4	45	9	.75	45	5	3.75	2456	15	6.25	4.0	714.	
6 5	45	8	1.25	45	4	4.00	2456	15	6.00	3.9	664.	
5 6	45	8	.75	45	3	3.75	2456	15	5.50	3.7	613.	
4 7	245	8	9.50	45	3	3.00	2456	15	5.00	3.5	563.	
3 8	245	9	8.00	45	3	1.75	2456	15	4.50	3.3	512.	
2 9	245	10	6.25	45	4	.25	2456	15	3.75	3.1	462.	
1 10	245	11	4.50	245	6	7.50	2456	15	3.00	2.8	411.	

TABLE T (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 26-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 26-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 12												
11	1	46	6	3.25	45	8	2.00	45	10	1.00	5.1	949.
10	2	46	5	3.75	45	7	2.75	45	9	2.25	4.9	899.
9	3	46	5	3.75	45	7	2.50	45	9	2.25	4.7	848.
8	4	46	4	4.25	45	6	3.00	45	8	3.00	4.5	798.
7	5	46	4	3.75	45	5	3.50	45	7	3.75	4.4	747.
6	6	46	3	4.00	45	4	3.50	45	7	3.25	4.2	697.
5	7	46	3	3.25	45	4	2.75	2456	15	5.00	4.0	646.
4	8	46	3	2.50	45	4	2.00	2456	15	4.50	3.8	595.
3	9	46	4	1.00	45	4	1.00	2456	15	4.00	3.6	545.
2	10	246	5	9.00	245	5	8.75	2456	15	3.50	3.4	494.
1	11	245	11	4.00	245	7	6.50	2456	15	2.75	3.2	444.
WL = 13												
12	1	46	6	2.75	45	8	1.75	45	10	.75	5.6	1033.
11	2	46	5	3.50	45	8	1.75	45	10	.75	5.4	982.
10	3	46	5	3.50	45	7	2.50	45	9	1.75	5.2	932.
9	4	46	4	4.00	45	7	2.25	45	9	1.75	5.0	881.
8	5	46	4	3.75	45	6	2.75	45	8	2.50	4.9	830.
7	6	46	3	4.00	45	5	3.25	45	8	2.25	4.7	780.
6	7	46	3	3.50	45	5	2.50	45	7	2.75	4.5	729.
5	8	46	3	2.75	45	4	2.50	45	7	2.25	4.3	679.
4	9	46	3	2.00	45	4	1.50	45	7	1.50	4.1	628.
3	10	46	4	.50	245	5	9.50	45	7	.50	3.9	578.

TABLE T (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 26-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 26-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 13												
2	11	246	5	8.50	245	6	7.75	245	8	8.25	3.7	527.
1	12	246	7	6.00	245	8	5.50	245	10	5.50	3.5	477.
WL = 14												
13	1	46	6	2.75	46	4	4.25	45	10	.50	6.2	1116.
12	2	46	5	3.50	46	3	5.00	45	10	.50	5.9	1066.
11	3	46	5	3.25	45	8	1.50	45	10	.50	5.8	1015.
10	4	46	4	4.00	45	7	2.25	45	9	1.50	5.6	964.
9	5	46	4	3.75	45	7	2.00	45	9	1.25	5.4	914.
8	6	46	3	4.00	45	6	2.50	45	8	2.25	5.2	863.
7	7	46	3	3.75	45	5	3.00	45	8	1.75	5.0	813.
6	8	46	3	3.00	45	5	2.25	45	7	2.25	4.8	762.
5	9	46	2	3.00	45	4	2.25	45	7	1.75	4.7	712.
4	10	46	3	1.50	45	4	1.25	45	7	.75	4.5	661.
3	11	246	4	9.50	245	5	9.25	245	7	9.50	4.3	610.
2	12	246	5	8.00	245	6	7.50	245	8	7.75	4.1	560.
1	13	246	7	5.75	245	8	5.25	245	10	5.25	3.8	509.
WL = 15												
14	1	46	3	4.50	46	4	4.25	46	6	3.50	6.7	1199.
13	2	46	5	3.25	46	4	4.25	45	10	.25	6.5	1149.
12	3	46	5	3.25	46	3	4.75	45	10	.25	6.3	1098.
11	4	46	5	3.25	46	2	5.25	45	9	1.25	6.1	1048.
10	5	46	4	3.75	45	7	2.25	45	9	1.25	5.9	997.

TABLE T (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 26-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 26-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 15												
9	6	46	4	3.50	45	7	2.00	45	9	1.00	5.7	947.
8	7	46	3	3.75	45	6	2.50	45	8	1.75	5.6	896.
7	8	46	2	4.00	45	5	2.75	45	8	1.50	5.4	845.
6	9	46	2	3.25	45	5	2.00	45	7	1.75	5.2	795.
5	10	46	2	2.50	45	4	2.00	45	7	1.25	5.0	744.
4	11	46	2	1.75	45	4	1.00	45	7	.50	4.8	694.
3	12	46	3	.25	245	5	9.00	245	7	9.00	4.6	643.
2	13	246	5	7.50	245	6	7.25	245	9	6.50	4.4	593.
1	14	246	7	5.25	245	8	5.00	245	10	4.75	4.2	542.
WL = 16												
15	1	4	3	4.25	46	4	4.00	46	6	3.25	7.2	1283.
14	2	4	2	5.00	46	4	4.00	46	6	3.25	7.0	1232.
13	3	4	2	5.00	46	4	4.00	46	5	4.00	6.8	1182.
12	4	4	2	5.00	46	3	4.75	46	5	4.00	6.6	1131.
11	5	46	4	3.75	46	2	5.25	45	9	1.25	6.4	1080.
10	6	46	4	3.50	46	2	5.00	45	9	1.00	6.3	1030.
9	7	46	3	4.00	46	1	5.25	45	8	1.75	6.1	979.
8	8	46	2	4.25	46	0	5.50	45	8	1.50	5.9	929.
7	9	46	2	3.75	46	0	5.00	45	7	2.00	5.7	878.
6	10	46	2	3.00	46	0	4.25	45	7	1.50	5.6	828.
5	11	46	2	2.25	46	0	3.25	45	7	.75	5.4	777.
4	12	46	2	1.50	46	0	2.50	245	7	9.50	5.2	727.

TABLE T (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 26-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 26-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 16											
3 13	4	0	1.25	46	0	1.25	245	7	8.75	5.0	676.
2 14	24	1	9.25	246	1	9.25	245	9	6.25	4.7	625.
1 15	246	6	5.75	246	3	7.00	245	10	4.50	4.5	575.
WL = 17											
16 1	4	2	5.00	46	4	4.00	46	6	3.00	7.8	1366.
15 2	4	2	5.00	46	4	4.00	46	6	3.00	7.5	1316.
14 3	4	2	5.00	46	4	4.00	46	5	4.00	7.3	1265.
13 4	4	2	5.00	46	3	4.75	46	5	4.00	7.2	1214.
12 5	4	1	5.50	46	3	4.50	46	5	4.00	7.0	1164.
11 6	4	1	5.25	46	2	5.00	46	4	4.75	6.8	1113.
10 7	4	0	5.75	46	1	5.50	46	4	4.50	6.6	1063.
9 8	4	0	5.50	46	1	5.25	45	8	1.75	6.4	1012.
8 9	46	2	4.00	46	0	5.25	45	8	1.25	6.3	962.
7 10	46	1	4.00	46	0	4.75	45	7	1.75	6.1	911.
6 11	46	1	3.50	46	0	4.00	45	7	1.25	5.9	860.
5 12	46	1	2.50	46	0	3.25	45	7	.50	5.7	810.
4 13	4	0	2.00	46	0	2.25	245	7	9.25	5.5	759.
3 14	4	0	1.00	46	0	1.00	245	7	8.50	5.3	709.
2 15	24	1	9.00	246	1	9.00	245	8	6.75	5.1	658.
1 16	24	4	6.25	246	3	7.00	245	10	4.25	4.9	608.

TABLE T (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 26-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 26-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 18												
17	1	4	2	4.75	4	1	5.75	46	6	3.00	8.3	1449.
16	2	4	2	4.75	46	4	4.00	46	6	3.00	8.1	1399.
15	3	4	2	4.75	46	4	4.00	46	5	3.75	7.9	1348.
14	4	4	1	5.50	46	4	4.00	46	5	3.75	7.7	1298.
13	5	4	1	5.50	46	3	4.50	46	5	3.75	7.5	1247.
12	6	4	1	5.25	46	3	4.50	46	4	4.50	7.3	1197.
11	7	4	0	5.75	46	2	5.00	46	4	4.50	7.2	1146.
10	8	4	0	5.50	46	1	5.25	46	3	5.00	7.0	1095.
9	9	4	0	5.25	46	0	5.50	46	3	4.75	6.8	1045.
8	10	4	0	4.75	46	0	5.25	46	2	5.00	6.6	994.
7	11	4	0	4.25	46	0	4.50	46	2	4.50	6.5	944.
6	12	4	0	3.50	46	0	4.00	46	1	4.50	6.3	893.
5	13	4	0	2.75	46	0	3.00	46	1	3.75	6.1	843.
4	14	4	0	1.75	46	0	2.00	46	1	2.75	5.9	792.
3	15	4	0	.75	46	0	1.00	46	2	1.00	5.7	741.
2	16	24	1	8.75	246	1	8.75	245	8	6.50	5.5	691.
1	17	24	3	6.50	246	3	6.75	245	10	4.00	5.2	640.
WL = 19												
18	1	56	0	6.00	4	2	5.00	4	3	4.75	8.9	1533.
17	2	4	2	4.75	4	1	5.50	4	3	5.00	8.6	1482.
16	3	4	2	4.75	4	1	5.75	46	5	3.75	8.4	1432.
15	4	4	1	5.50	46	4	3.75	46	5	3.75	8.2	1381.

TABLE T (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 26-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 26-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 19											
14 5	4	1	5.50	46	3	4.50	46	5	3.75	8.0	1330.
13 6	4	1	5.50	46	3	4.50	46	5	3.75	7.9	1280.
12 7	4	0	5.75	46	2	5.00	46	4	4.50	7.7	1229.
11 8	4	0	5.75	46	2	5.00	46	4	4.25	7.5	1179.
10 9	4	0	5.50	46	1	5.25	46	3	4.75	7.4	1128.
9 10	4	0	5.25	46	0	5.50	46	2	5.25	7.2	1078.
8 11	4	0	4.75	46	0	5.00	46	2	4.75	7.0	1027.
7 12	4	0	4.25	46	0	4.50	46	1	5.00	6.8	977.
6 13	4	0	3.50	46	0	3.75	46	1	4.25	6.7	926.
5 14	4	0	2.50	46	0	3.00	46	1	3.50	6.5	875.
4 15	4	0	1.50	46	0	1.75	46	1	2.50	6.3	825.
3 16	4	0	.50	46	0	.75	46	2	.75	6.0	774.
2 17	24	0	9.00	246	1	8.75	246	3	8.75	5.8	724.
1 18	24	3	6.50	246	3	6.50	246	6	6.00	5.6	673.
WL = 20											
19 1	56	0	6.00	4	1	5.50	4	3	4.75	9.4	1616.
18 2	56	0	6.00	4	1	5.50	4	3	4.75	9.2	1566.
17 3	56	0	6.00	4	1	5.50	4	3	4.75	9.0	1515.
16 4	4	1	5.50	4	1	5.50	4	2	5.50	8.8	1464.
15 5	4	1	5.50	46	4	3.75	46	5	3.75	8.6	1414.
14 6	4	1	5.50	46	3	4.50	46	5	3.75	8.4	1363.
13 7	4	0	6.00	46	3	4.50	46	4	4.50	8.2	1313.

TABLE T (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 26-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 26-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 20												
12	8	4	0	5.75	46	2	5.00	46	4	4.25	8.1	1262.
11	9	4	0	5.75	46	2	4.75	46	3	5.00	7.9	1212.
10	10	4	0	5.50	46	1	5.25	46	3	4.75	7.7	1161.
9	11	4	0	5.00	46	0	5.50	46	2	5.00	7.6	1110.
8	12	4	0	4.75	46	0	5.00	46	1	5.25	7.4	1060.
7	13	4	0	4.00	46	0	4.50	46	1	4.75	7.2	1009.
6	14	4	0	3.25	46	0	3.75	46	1	4.00	7.0	959.
5	15	4	0	2.50	46	0	2.75	46	0	3.75	6.8	908.
4	16	4	0	1.50	46	0	1.75	46	1	2.25	6.6	858.
3	17	4	0	.25	46	0	.50	46	2	.50	6.4	807.
2	18	24	0	8.75	246	0	9.00	246	3	8.50	6.2	756.
1	19	24	2	6.75	246	3	6.50	246	5	6.25	5.9	706.
WL = 21												
20	1	56	0	5.75	4	1	5.50	4	3	4.75	10.0	1699.
19	2	56	0	6.00	4	1	5.50	4	3	4.75	9.7	1649.
18	3	56	0	6.00	4	1	5.50	4	2	5.50	9.5	1598.
17	4	56	0	6.00	4	1	5.50	4	2	5.50	9.3	1548.
16	5	4	1	5.50	4	1	5.50	4	2	5.50	9.1	1497.
15	6	4	1	5.50	4	0	6.25	4	2	5.50	9.0	1447.
14	7	4	0	6.00	46	3	4.50	46	4	4.25	8.8	1396.
13	8	4	0	5.75	46	3	4.50	46	4	4.25	8.6	1345.
12	9	4	0	5.75	46	2	5.00	46	4	4.25	8.4	1295.
11	10	4	0	5.50	46	1	5.50	46	3	4.75	8.3	1244.

TABLE T (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 26-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 26-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 21											
10 11	4	0	5.25	46	1	5.25	46	2	5.25	8.1	1194.
9 12	4	0	5.00	46	0	5.25	46	2	5.00	7.9	1143.
8 13	4	0	4.50	46	0	5.00	46	1	5.25	7.8	1093.
7 14	4	0	4.00	46	0	4.25	46	1	4.50	7.6	1042.
6 15	46	0	3.50	46	0	3.50	46	0	4.50	7.4	991.
5 16	4	0	2.25	46	0	2.75	46	0	3.50	7.2	941.
4 17	4	0	1.25	46	0	1.75	46	0	2.50	7.0	890.
3 18	4	0	.25	46	0	.50	46	1	1.00	6.8	840.
2 19	24	0	8.50	246	0	8.75	246	3	8.25	6.6	789.
1 20	256	0	7.25	24	0	7.50	246	5	6.25	6.3	739.
WL = 22											
18 4	56	0	6.00	4	1	5.50	4	2	5.50	9.9	1631.
17 5	56	0	6.00	4	1	5.50	4	2	5.50	9.7	1580.
16 6	4	1	5.50	4	1	5.50	4	2	5.50	9.5	1530.
15 7	4	1	5.25	4	0	6.25	4	2	5.50	9.3	1479.
14 8	4	0	6.00	4	0	6.00	4	1	6.00	9.2	1429.
13 9	4	0	5.75	46	2	5.00	46	4	4.25	9.0	1378.
12 10	4	0	5.75	46	2	5.00	46	3	5.00	8.8	1328.
11 11	4	0	5.50	46	1	5.25	46	3	4.75	8.6	1277.
10 12	4	0	5.25	46	0	5.75	46	2	5.25	8.5	1227.
9 13	4	0	5.00	46	0	5.25	46	2	5.00	8.3	1176.

TABLE T (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 26-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 26-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 22												
8	14	4	0	4.50	46	0	4.75	46	1	5.00	8.1	1125.
7	15	46	0	4.00	46	0	4.25	46	0	5.00	8.0	1075.
6	16	46	0	3.25	46	0	3.50	46	0	4.25	7.8	1024.
5	17	4	0	2.25	46	0	2.50	46	0	3.50	7.6	974.
4	18	4	0	1.25	46	0	1.50	46	0	2.25	7.4	923.
3	19	4	0	.25	46	0	.50	46	1	.75	7.2	873.
2	20	24	0	8.50	246	0	8.75	246	3	8.25	6.9	822.
1	21	256	0	7.25	24	0	7.25	246	5	6.00	6.7	771.
WL = 23												
16	7	4	1	5.25	4	0	6.00	4	2	5.50	9.9	1563.
15	8	4	0	6.00	4	0	6.00	4	1	6.00	9.7	1512.
14	9	4	0	6.00	4	0	6.00	4	1	6.00	9.5	1462.
13	10	4	0	5.75	46	2	5.00	4	1	6.00	9.4	1411.
12	11	4	0	5.75	46	2	5.00	4	0	6.50	9.2	1360.
11	12	4	0	5.50	46	1	5.25	46	3	4.75	9.0	1310.
10	13	4	0	5.25	46	0	5.75	46	2	5.25	8.9	1259.
9	14	4	0	5.00	46	0	5.25	46	1	5.50	8.7	1209.
8	15	46	0	4.50	46	0	4.75	46	1	5.00	8.5	1158.
7	16	46	0	4.00	46	0	4.25	46	0	5.00	8.3	1108.
6	17	46	0	3.25	46	0	3.50	46	0	4.25	8.1	1057.
5	18	46	0	2.25	46	0	2.50	46	0	3.25	8.0	1006.

TABLE T (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 26-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 26-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 23												
4	19	4	0	1.25	46	0	1.50	46	0	2.25	7.7	956.
3	20	24	0	9.50	46	0	.25	46	1	.75	7.5	905.
2	21	24	0	8.50	246	0	8.75	246	2	8.50	7.3	855.
1	22	256	0	7.25	24	0	7.25	246	5	5.75	7.0	804.
WL = 24												
14	10	4	0	6.00	4	0	6.00	4	1	6.00	9.9	1494.
13	11	4	0	5.75	4	0	6.00	4	0	6.50	9.7	1444.
12	12	4	0	5.75	46	2	5.00	4	0	6.50	9.6	1393.
11	13	4	0	5.50	46	1	5.25	4	0	6.25	9.4	1343.
10	14	4	0	5.25	46	0	5.50	46	2	5.00	9.2	1292.
9	15	4	0	5.00	46	0	5.25	46	1	5.25	9.1	1241.
8	16	46	0	4.50	46	0	4.75	46	0	5.50	8.9	1191.
7	17	46	0	4.00	46	0	4.25	46	0	4.75	8.7	1140.
6	18	46	0	3.25	46	0	3.50	46	0	4.00	8.5	1090.
5	19	46	0	2.25	46	0	2.50	46	0	3.25	8.3	1039.
4	20	4	0	1.25	46	0	1.50	46	0	2.25	8.1	989.
3	21	24	0	9.50	46	0	.25	46	0	1.00	7.9	938.
2	22	24	0	8.25	246	0	8.75	24	0	9.25	7.7	887.
1	23	256	0	7.00	24	0	7.25	24	2	7.00	7.4	837.
WL = 25												
12	13	4	0	5.75	46	1	5.50	4	0	6.50	10.0	1426.

TABLE T (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 26- AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 26-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION						1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)			
	900/C			600/C					TELSET		
	S5	R2	Z	S5	R2	Z			S5	R2	Z
WL = 25											
11 14	4	0	5.50	46	1	5.25	4	0	6.25	9.8	1375.
10 15	4	0	5.25	46	0	5.50	4	0	6.00	9.6	1325.
9 16	4	0	5.00	46	0	5.25	46	1	5.25	9.4	1274.
8 17	46	0	4.50	46	0	4.75	46	0	5.25	9.3	1224.
7 18	46	0	4.00	46	0	4.25	46	0	4.75	9.1	1173.
6 19	46	0	3.25	46	0	3.25	46	0	4.00	8.9	1123.
5 20	46	0	2.25	46	0	2.50	46	0	3.00	8.7	1072.
4 21	4	0	1.25	46	0	1.50	46	0	2.00	8.5	1021.
3 22	24	0	9.50	46	0	.25	46	0	1.00	8.3	971.
2 23	24	0	8.25	24	0	8.50	24	0	9.00	8.0	920.
1 24	256	0	7.00	24	0	7.25	24	1	7.50	7.8	870.
WL = 26											
10 16	4	0	5.25	46	0	5.50	4	0	6.00	10.0	1358.
9 17	46	0	5.00	46	0	5.25	46	0	5.75	9.8	1307.
8 18	46	0	4.50	46	0	4.75	46	0	5.25	9.6	1256.
7 19	46	0	4.00	46	0	4.00	46	0	4.75	9.5	1206.
6 20	46	0	3.25	46	0	3.25	46	0	4.00	9.3	1155.
5 21	46	0	2.25	46	0	2.50	46	0	3.00	9.1	1105.
4 22	4	0	1.25	46	0	1.50	46	0	2.00	8.9	1054.
3 23	24	0	9.50	46	0	.25	4	0	.75	8.6	1004.
2 24	24	0	8.25	24	0	8.50	24	0	9.00	8.4	953.
1 25	256	0	7.00	24	0	7.25	24	1	7.25	8.1	902.
WL = 27											
8 19	46	0	4.50	46	0	4.75	46	0	5.25	10.0	1289.

TABLE T (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 26-
AND 22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 26-GA 22-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 27												
7	20	46	0	4.00	46	0	4.00	46	0	4.75	9.8	1239.
6	21	46	0	3.25	46	0	3.25	46	0	4.00	9.6	1188.
5	22	46	0	2.25	46	0	2.50	46	0	3.00	9.4	1138.
4	23	46	0	1.25	46	0	1.25	46	0	2.00	9.2	1087.
3	24	24	0	9.50	46	0	.25	4	0	.75	9.0	1036.
2	25	24	0	8.25	24	0	8.50	24	0	9.00	8.8	986.
1	26	256	0	7.00	24	0	7.00	24	1	7.25	8.5	935.
WL = 28												
6	22	46	0	3.25	46	0	3.25	46	0	3.75	10.0	1221.
5	23	46	0	2.25	46	0	2.50	46	0	3.00	9.8	1170.
4	24	46	0	1.25	46	0	1.25	46	0	2.00	9.6	1120.
3	25	24	0	9.50	46	0	.25	4	0	.50	9.4	1069.
2	26	24	0	8.25	24	0	8.50	24	0	9.00	9.1	1019.
1	27	256	0	7.00	24	0	7.00	24	0	7.50	8.9	968.
WL = 29												
4	25	46	0	1.25	46	0	1.25	46	0	1.75	10.0	1152.
3	26	24	0	9.50	46	0	.25	4	0	.50	9.7	1102.
2	27	24	0	8.25	24	0	8.50	24	0	8.75	9.5	1051.
1	28	256	0	7.00	24	0	7.00	24	0	7.50	9.2	1001.
WL = 30												
2	28	24	0	8.25	24	0	8.25	24	0	8.75	9.8	1084.
1	29	256	0	7.00	24	0	7.00	24	0	7.50	9.6	1034.
WL = 31												
1	30	256	0	7.00	24	0	7.00	256	0	7.50	9.9	1066.

TABLE U

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 26-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 26-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 7												
6	1	45	9	.75	2456	15	3.50	2456	14	8.00	2.2	395.
5	2	245	10	9.50	2456	15	3.75	2456	14	8.25	2.3	426.
4	3	45	10	.25	2456	15	4.25	2456	15	6.50	2.4	458.
3	4	45	10	.75	2456	15	4.50	2456	15	7.00	2.6	489.
2	5	45	10	1.25	2456	15	5.00	2456	15	7.25	2.7	520.
1	6	45	9	3.00	2456	15	5.50	2456	15	7.75	2.8	552.
WL = 8												
7	1	245	11	7.25	2456	15	3.25	2456	15	5.50	2.5	447.
6	2	245	11	7.50	2456	15	3.50	2456	15	5.50	2.7	478.
5	3	245	11	7.75	2456	15	3.75	2456	15	5.75	2.8	509.
4	4	245	11	8.00	2456	15	4.25	2456	15	6.25	2.9	541.
3	5	245	11	8.50	2456	15	4.50	2456	15	6.50	3.0	572.
2	6	245	11	9.00	2456	15	5.00	2456	15	7.00	3.1	604.
1	7	45	10	1.25	2456	15	5.50	2456	15	7.50	3.3	635.
WL = 9												
8	1	245	11	6.50	245	7	9.25	2456	15	5.00	2.9	498.
7	2	245	12	5.50	245	7	9.50	2456	15	5.00	3.0	530.
6	3	245	12	5.75	245	8	9.00	2456	15	5.25	3.2	561.
5	4	245	12	6.00	245	8	9.25	2456	15	5.50	3.3	593.
4	5	245	12	6.25	45	8	.25	2456	15	5.75	3.4	624.
3	6	245	12	6.75	45	8	.75	2456	15	6.25	3.5	656.
2	7	245	12	7.25	45	8	1.25	2456	15	6.50	3.6	687.

TABLE U (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 26-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 26-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 9											
1 8	245	11	9.00	45	7	2.75	2456	15	7.00	3.7	719.
WL = 10											
9 1	245	12	4.75	245	8	8.00	2456	15	4.50	3.3	550.
8 2	245	12	5.00	245	9	7.25	245	10	8.50	3.4	582.
7 3	245	12	5.25	245	9	7.50	245	10	8.75	3.5	613.
6 4	245	13	4.00	245	9	8.00	245	11	7.75	3.6	645.
5 5	245	13	4.25	245	10	7.25	245	11	8.00	3.8	676.
4 6	245	13	4.50	245	10	7.75	245	11	8.25	3.9	708.
3 7	245	12	6.25	245	9	9.25	245	11	8.75	4.0	739.
2 8	245	12	6.75	45	9	.25	245	11	9.25	4.1	770.
1 9	245	11	8.50	45	8	1.75	45	10	1.50	4.2	802.
WL = 11											
10 1	245	12	4.50	245	9	6.75	245	10	7.75	3.7	602.
9 2	245	12	4.50	245	9	7.00	245	11	6.75	3.8	634.
8 3	246	9	7.00	245	10	6.25	245	11	6.75	3.9	665.
7 4	246	9	7.25	245	10	6.50	245	11	7.00	4.0	697.
6 5	246	9	7.50	245	10	6.75	245	12	6.00	4.1	728.
5 6	246	9	7.75	245	10	7.25	245	12	6.25	4.3	759.
4 7	246	9	8.00	245	10	7.50	245	12	6.50	4.4	791.
3 8	246	9	8.50	245	10	8.00	245	12	7.00	4.5	822.
2 9	46	8	.50	245	10	8.50	245	11	8.75	4.6	854.
1 10	46	7	2.00	45	9	.50	245	11	9.25	4.7	885.

TABLE U (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24- AND 26-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 26-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 12												
11	1	246	8	7.25	245	9	6.50	245	11	6.00	4.1	654.
10	2	246	8	7.25	245	10	5.75	245	11	6.25	4.2	686.
9	3	246	9	6.50	245	10	6.00	245	12	5.00	4.3	717.
8	4	246	9	6.75	245	11	5.25	245	12	5.25	4.4	748.
7	5	246	9	6.75	245	11	5.50	245	12	5.50	4.5	780.
6	6	246	9	7.00	245	11	5.75	245	12	5.50	4.7	811.
5	7	246	9	7.50	245	11	6.00	245	12	6.00	4.8	843.
4	8	246	9	7.75	245	11	6.25	245	12	6.25	4.9	874.
3	9	246	9	8.25	245	11	6.75	245	12	6.50	5.0	906.
2	10	46	8	.25	245	10	8.25	245	12	7.00	5.1	937.
1	11	46	7	1.50	245	10	9.00	245	11	8.75	5.2	969.
WL = 13												
12	1	246	8	6.75	245	10	5.50	245	11	5.75	4.5	706.
11	2	246	8	6.75	245	10	5.50	245	12	4.50	4.6	737.
10	3	246	9	6.00	245	10	5.75	245	12	4.75	4.7	769.
9	4	246	9	6.25	245	11	4.75	245	12	4.75	4.8	800.
8	5	246	9	6.25	245	11	5.00	245	12	5.00	5.0	832.
7	6	246	9	6.50	245	11	5.25	245	13	3.75	5.1	863.
6	7	246	9	6.75	245	11	5.50	245	13	4.00	5.2	895.
5	8	246	9	7.25	245	11	5.75	245	13	4.25	5.3	926.
4	9	246	9	7.50	245	11	6.25	245	13	4.50	5.4	958.
3	10	246	9	8.00	245	11	6.50	245	12	6.25	5.5	989.

TABLE U (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 26-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 26-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 13											
2 11	246	8	9.50	245	11	7.00	245	12	6.75	5.6	1020.
1 12	46	7	1.25	245	10	8.75	245	11	8.50	5.7	1052.
WL = 14											
13 1	246	8	6.50	245	10	5.25	245	12	4.25	4.9	758.
12 2	246	8	6.50	246	6	7.75	245	12	4.25	5.0	789.
11 3	246	8	6.50	246	6	8.00	245	12	4.25	5.2	821.
10 4	246	9	5.75	246	6	8.00	245	12	4.50	5.3	852.
9 5	246	9	6.00	246	7	7.50	245	12	4.50	5.4	884.
8 6	246	9	6.00	246	7	7.75	245	13	3.50	5.5	915.
7 7	246	9	6.25	246	7	8.00	245	13	3.50	5.6	947.
6 8	246	9	6.50	246	8	7.50	245	13	3.75	5.7	978.
5 9	246	9	7.00	246	8	7.75	245	13	4.00	5.8	1009.
4 10	246	9	7.25	246	7	9.00	245	13	4.25	5.9	1041.
3 11	246	9	7.75	246	7	9.50	245	12	6.00	6.0	1072.
2 12	246	8	9.25	46	7	.50	245	12	6.50	6.1	1104.
1 13	46	7	1.00	46	6	2.00	245	11	8.25	6.2	1135.
WL = 15											
14 1	24	5	8.00	246	5	8.25	245	12	4.00	5.3	810.
13 2	24	5	8.00	246	6	7.50	245	12	4.00	5.5	841.
12 3	24	6	7.50	246	6	7.75	245	12	4.00	5.6	873.
11 4	24	6	7.50	246	7	7.00	246	8	7.25	5.7	904.
10 5	24	6	7.75	246	7	7.25	246	9	6.50	5.8	936.

TABLE U (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 26-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 26-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 15											
9 6	24	6	7.75	246	7	7.25	246	9	6.50	5.9	967.
8 7	24	7	7.25	246	7	7.50	246	9	6.75	6.0	998.
7 8	24	7	7.50	246	8	7.00	246	9	7.00	6.1	1030.
6 9	24	7	7.75	246	8	7.25	246	9	7.25	6.2	1061.
5 10	24	7	8.25	246	8	7.75	246	9	7.50	6.3	1093.
4 11	24	6	9.50	246	8	8.00	246	9	8.00	6.4	1124.
3 12	4	6	.25	246	7	9.50	246	9	8.50	6.5	1156.
2 13	4	5	1.75	46	7	.50	46	8	.25	6.6	1187.
1 14	4	4	3.00	46	6	2.00	46	7	1.75	6.8	1219.
WL = 16											
15 1	24	5	7.75	246	5	8.00	246	7	7.50	5.8	862.
14 2	24	5	7.75	246	6	7.50	246	8	6.75	5.9	893.
13 3	24	5	7.75	246	6	7.50	246	8	6.75	6.0	925.
12 4	24	6	7.25	246	6	7.50	246	8	7.00	6.1	956.
11 5	24	6	7.25	246	7	7.00	246	8	7.00	6.2	987.
10 6	24	6	7.50	246	7	7.00	246	9	6.25	6.3	1019.
9 7	24	6	7.75	246	7	7.25	246	9	6.25	6.4	1050.
8 8	24	6	7.75	246	8	6.75	246	9	6.50	6.5	1082.
7 9	24	7	7.50	246	8	7.00	246	9	6.75	6.6	1113.
6 10	24	7	7.75	246	8	7.25	246	9	7.00	6.7	1145.
5 11	24	6	8.75	246	8	7.50	246	9	7.25	6.8	1176.
4 12	24	6	9.25	246	8	8.00	246	9	7.75	7.0	1208.

TABLE U (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 26-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 26-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 16											
3 13	4	6	.25	246	7	9.25	246	9	8.25	7.1	1239.
2 14	4	5	1.50	46	7	.25	246	8	9.50	7.2	1270.
1 15	4	4	3.00	46	6	1.75	46	7	1.50	7.3	1302.
WL = 17											
16 1	24	4	8.25	246	6	7.25	246	7	7.25	6.2	914.
15 2	24	5	7.75	246	6	7.25	246	7	7.25	6.3	945.
14 3	24	5	7.75	246	6	7.25	246	8	6.50	6.5	977.
13 4	24	5	7.75	246	6	7.25	246	8	6.50	6.6	1008.
12 5	24	5	7.75	246	7	6.75	246	8	6.75	6.7	1039.
11 6	24	6	7.25	246	7	6.75	246	8	6.75	6.8	1071.
10 7	24	6	7.25	246	7	7.00	246	9	6.00	6.9	1102.
9 8	24	6	7.50	246	7	7.25	246	9	6.25	7.0	1134.
8 9	24	6	7.75	246	8	6.50	246	9	6.25	7.1	1165.
7 10	24	6	8.00	246	8	6.75	246	9	6.50	7.2	1197.
6 11	24	6	8.25	246	8	7.25	246	9	6.75	7.3	1228.
5 12	24	6	8.75	246	8	7.50	246	9	7.25	7.4	1259.
4 13	24	6	9.25	246	8	8.00	246	9	7.50	7.5	1291.
3 14	24	6	9.50	246	7	9.25	246	9	8.00	7.6	1322.
2 15	4	5	1.50	46	7	.25	246	8	9.50	7.7	1354.
1 16	4	4	2.75	46	6	1.75	46	7	1.50	7.8	1385.

TABLE U (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 26-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 26-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 18											
17 1	24	4	8.00	246	5	7.75	246	7	7.25	6.6	966.
16 2	24	4	8.00	246	6	7.25	246	7	7.25	6.8	997.
15 3	24	4	8.00	246	6	7.25	246	7	7.25	6.9	1028.
14 4	256	3	8.50	24	3	8.75	246	8	6.50	7.0	1060.
13 5	256	3	8.75	24	4	8.25	246	8	6.50	7.1	1091.
12 6	256	4	8.25	24	4	8.50	246	8	6.50	7.2	1123.
11 7	256	4	8.25	24	4	8.50	246	8	6.50	7.3	1154.
10 8	256	4	8.50	24	5	8.00	246	8	6.75	7.4	1186.
9 9	256	4	8.75	24	5	8.25	24	6	8.00	7.5	1217.
8 10	256	4	8.75	24	5	8.50	24	7	7.50	7.6	1248.
7 11	256	5	8.50	24	5	8.75	24	7	7.75	7.7	1280.
6 12	256	5	8.75	24	6	8.50	24	7	8.25	7.8	1311.
5 13	24	6	8.50	24	5	9.50	24	7	8.50	7.9	1343.
4 14	24	6	9.00	4	5	.25	24	7	9.00	8.0	1374.
3 15	4	5	.75	4	5	1.00	4	6	.75	8.1	1406.
2 16	4	5	1.25	4	4	2.25	4	5	2.00	8.3	1437.
1 17	4	4	2.75	4	3	3.50	4	4	3.50	8.4	1469.
WL = 19											
18 1	256	2	9.00	24	3	8.75	246	7	7.00	7.1	1017.
17 2	256	2	9.00	24	3	8.75	246	7	7.00	7.2	1049.
16 3	256	2	9.00	24	3	8.75	246	7	7.00	7.3	1080.
15 4	256	3	8.50	24	3	8.75	24	5	8.00	7.5	1112.

TABLE U (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 26-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 26-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 19												
14	5	256	3	8.50	24	4	8.25	24	5	8.25	7.6	1143.
13	6	256	3	8.50	24	4	8.25	24	5	8.25	7.7	1175.
12	7	256	3	8.75	24	4	8.25	24	6	7.50	7.8	1206.
11	8	256	4	8.25	24	4	8.50	24	6	7.75	7.9	1238.
10	9	256	4	8.25	24	5	8.00	24	6	7.75	8.0	1269.
9	10	256	4	8.50	24	5	8.25	24	6	8.00	8.1	1300.
8	11	256	4	8.75	24	5	8.25	24	6	8.25	8.2	1332.
7	12	256	4	9.00	24	5	8.75	24	7	7.75	8.3	1363.
6	13	256	4	9.50	24	6	8.25	24	7	8.00	8.4	1395.
5	14	56	4	.25	24	5	9.50	24	7	8.50	8.5	1426.
4	15	56	4	.75	4	5	.25	24	6	9.50	8.6	1458.
3	16	56	4	1.25	4	5	.75	4	6	.50	8.7	1489.
2	17	56	3	2.50	4	4	2.25	4	5	2.00	8.8	1520.
1	18	56	2	4.00	4	3	3.50	4	4	3.25	8.9	1552.
WL = 20												
19	1	256	2	9.00	24	2	9.00	246	7	7.00	7.5	1069.
18	2	256	2	8.75	24	3	8.50	24	4	8.50	7.7	1101.
17	3	256	2	9.00	24	3	8.50	24	4	8.50	7.8	1132.
16	4	256	2	9.00	24	3	8.50	24	5	8.00	7.9	1164.
15	5	256	2	9.00	24	3	8.50	24	5	8.00	8.0	1195.
14	6	256	3	8.50	24	4	8.00	24	5	8.00	8.1	1227.
13	7	256	3	8.50	24	4	8.25	24	5	8.00	8.2	1258.

TABLE U (Contd).

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 26-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 26-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 20												
12	8	256	3	8.50	24	4	8.25	24	5	8.00	8.3	1289.
11	9	256	3	8.75	24	5	7.75	24	6	7.50	8.4	1321.
10	10	256	4	8.25	24	5	8.00	24	6	7.75	8.5	1352.
9	11	256	4	8.50	24	5	8.00	24	6	7.75	8.6	1384.
8	12	256	4	8.75	24	5	8.25	24	6	8.00	8.7	1415.
7	13	256	4	9.00	24	5	8.50	24	6	8.25	8.8	1447.
6	14	256	4	9.25	24	5	9.00	24	6	8.75	8.9	1478.
5	15	56	4	.25	24	5	9.25	24	6	9.00	9.0	1509.
4	16	56	4	.75	4	5	.25	24	6	9.50	9.1	1541.
3	17	56	3	2.00	4	5	.75	4	6	.50	9.2	1572.
2	18	56	3	2.50	4	4	2.00	4	5	1.75	9.4	1604.
1	19	56	2	4.00	4	3	3.50	4	4	3.25	9.5	1635.
WL = 21												
20	1	256	1	9.25	24	2	9.00	24	4	8.50	8.0	1121.
19	2	256	1	9.25	24	2	9.00	24	4	8.50	8.1	1153.
18	3	256	1	9.25	24	3	8.50	24	4	8.50	8.2	1184.
17	4	256	2	8.75	24	3	8.50	24	4	8.50	8.4	1216.
16	5	256	2	8.75	24	3	8.50	24	4	8.50	8.5	1247.
15	6	256	2	8.75	24	3	8.50	24	5	7.75	8.6	1278.
14	7	256	2	9.00	24	4	8.00	24	5	8.00	8.7	1310.
13	8	256	3	8.50	24	4	8.00	24	5	8.00	8.8	1341.
12	9	256	3	8.50	24	4	8.25	24	5	8.00	8.9	1373.
11	10	25	2	9.25	256	3	8.75	24	6	7.50	9.0	1404.

TABLE U (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 26-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 26-GA		BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
		900/C			600/C			TELSET				
		S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 21												
10	11	256	3	8.75	256	3	9.00	24	6	7.50	9.1	1436.
9	12	256	4	8.50	24	5	8.00	24	6	7.75	9.2	1467.
8	13	256	4	8.75	24	5	8.25	24	6	8.00	9.3	1498.
7	14	256	4	9.00	24	5	8.50	24	6	8.25	9.4	1530.
6	15	256	4	9.25	24	5	9.00	24	6	8.50	9.5	1561.
5	16	56	4	.25	24	5	9.25	24	6	9.00	9.6	1593.
4	17	56	4	.75	4	5	.25	24	6	9.50	9.7	1624.
3	18	56	3	1.75	4	5	.75	4	6	.25	9.8	1656.
2	19	56	3	2.50	4	4	2.00	4	5	1.75	9.9	1687.
WL = 22												
21	1	256	1	9.25	24	2	9.00	24	4	8.50	8.4	1173.
20	2	256	1	9.25	24	2	9.00	24	4	8.50	8.6	1205.
19	3	256	1	9.25	24	2	9.00	24	4	8.25	8.7	1236.
18	4	256	1	9.25	24	3	8.50	24	4	8.25	8.8	1267.
17	5	5	0	.25	24	3	8.50	24	4	8.25	8.9	1299.
16	6	5	0	.25	256	1	9.50	24	4	8.25	9.1	1330.
15	7	25	1	9.25	256	1	9.50	256	3	8.75	9.2	1362.
14	8	25	1	9.25	256	2	9.00	256	3	9.00	9.3	1393.
13	9	25	1	9.50	256	2	9.00	256	3	9.00	9.4	1425.
12	10	25	1	9.50	256	2	9.25	256	4	8.50	9.4	1456.
11	11	25	2	9.25	256	3	8.75	256	4	8.50	9.5	1488.

TABLE U (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 24-
AND 26-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 24-GA 26-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 22												
10	12	25	2	9.25	256	3	9.00	256	4	8.75	9.6	1519.
9	13	25	2	9.50	256	3	9.00	256	4	9.00	9.7	1550.
8	14	25	3	9.25	256	4	8.75	256	4	9.25	9.8	1582.
7	15	25	3	9.50	256	4	9.00	256	5	8.75	9.9	1613.
6	16	256	4	9.25	256	4	9.50	256	5	9.25	10.0	1645.
WL = 23												
22	1	256	1	9.25	24	2	9.00	24	3	9.00	8.9	1225.
21	2	256	1	9.25	24	2	9.00	24	3	8.75	9.0	1256.
20	3	25	0	9.50	56	0	.25	24	4	8.25	9.2	1288.
19	4	25	0	9.50	56	0	.25	256	2	9.25	9.3	1319.
18	5	25	0	9.50	256	1	9.25	256	2	9.25	9.4	1351.
17	6	25	0	9.50	256	1	9.25	256	2	9.25	9.5	1382.
16	7	5	0	.25	256	1	9.25	256	2	9.25	9.6	1414.
15	8	25	1	9.25	256	1	9.50	256	3	8.75	9.7	1445.
14	9	25	1	9.25	256	2	9.00	256	3	8.75	9.8	1477.
13	10	25	1	9.50	256	2	9.00	256	3	9.00	9.9	1508.
12	11	25	1	9.50	256	2	9.00	256	3	9.00	10.0	1539.
WL = 24												
23	1	256	0	9.50	24	2	9.00	24	3	8.75	9.3	1277.
22	2	256	0	9.50	56	0	.25	56	1	.25	9.5	1308.
21	3	25	0	9.50	56	0	.25	256	2	9.25	9.6	1340.
20	4	25	0	9.50	56	0	.25	256	2	9.25	9.7	1371.
19	5	25	0	9.50	56	0	.25	256	2	9.25	9.9	1403.
18	6	25	0	9.50	256	1	9.25	256	2	9.25	10.0	1434.
WL = 25												
24	1	256	0	9.50	56	0	.25	56	1	.25	9.8	1329.
23	2	256	0	9.50	56	0	.25	56	1	.25	9.9	1360.

TABLE V

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 26-
AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 26-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 7											
6 1	45	7	5.50	2456	13	9.25	456	13	3.00	2.8	552.
5 2	45	7	5.25	2456	13	9.00	456	13	2.75	2.7	520.
4 3	45	7	4.75	2456	13	8.50	456	12	4.00	2.6	489.
3 4	45	7	4.25	2456	12	9.50	456	12	3.50	2.4	458.
2 5	45	7	3.75	2456	13	7.50	456	12	3.00	2.3	426.
1 6	45	8	2.00	2456	13	6.75	456	12	2.25	2.2	395.
WL = 8											
7 1	45	9	2.75	2456	15	5.75	2456	15	7.75	3.3	635.
6 2	45	8	3.75	2456	14	7.50	2456	15	7.50	3.1	604.
5 3	45	8	3.25	2456	14	7.00	2456	15	7.50	3.0	572.
4 4	45	8	3.00	2456	14	6.75	2456	14	9.25	2.9	541.
3 5	45	8	2.50	2456	14	6.25	2456	14	8.75	2.8	509.
2 6	45	8	1.75	2456	14	5.75	2456	14	8.25	2.7	478.
1 7	45	9	.25	2456	15	3.50	2456	15	5.75	2.5	447.
WL = 9											
8 1	45	10	1.00	45	5	5.00	2456	15	7.25	3.7	719.
7 2	45	9	2.00	45	4	5.50	2456	15	7.25	3.6	687.
6 3	45	9	1.75	45	4	5.25	2456	15	7.00	3.5	656.
5 4	45	9	1.50	45	3	5.50	2456	15	6.75	3.4	624.
4 5	45	9	1.00	45	3	5.00	2456	15	6.50	3.3	593.
3 6	45	9	.75	45	3	4.25	2456	15	6.25	3.2	561.
2 7	45	9	.25	45	3	3.50	2456	15	5.75	3.0	530.

TABLE V (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 26-
AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 26-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 9											
1 8	245	10	8.00	45	4	2.00	2456	15	5.25	2.9	498.
WL = 10											
9 1	45	10	.75	45	7	3.25	45	8	4.50	4.2	802.
8 2	45	10	.50	45	6	4.00	2456	15	7.00	4.1	770.
7 3	45	9	1.50	45	5	4.50	2456	15	6.75	4.0	739.
6 4	45	9	1.25	45	5	4.25	2456	15	6.50	3.9	708.
5 5	45	9	1.00	45	5	3.75	2456	15	6.25	3.8	676.
4 6	45	9	.50	45	4	4.00	2456	15	6.00	3.6	645.
3 7	245	9	9.50	45	4	3.25	2456	15	5.75	3.5	613.
2 8	245	10	8.00	45	5	1.75	2456	15	5.25	3.4	582.
1 9	245	10	7.50	45	6	.50	2456	15	4.75	3.3	550.
WL = 11											
10 1	46	6	3.50	45	8	2.25	45	9	2.75	4.7	885.
9 2	46	5	4.25	45	7	3.00	45	9	2.75	4.6	854.
8 3	245	10	9.50	45	7	2.75	45	9	2.50	4.5	822.
7 4	245	10	9.50	45	6	3.50	45	8	3.50	4.4	791.
6 5	45	9	.75	45	6	3.00	45	8	3.25	4.3	759.
5 6	45	9	.50	45	5	3.50	45	8	3.00	4.1	728.
4 7	245	9	9.50	45	5	2.75	45	7	3.50	4.0	697.
3 8	245	9	9.00	45	5	2.25	45	8	2.00	3.9	665.
2 9	245	10	7.50	45	6	.75	45	8	1.50	3.8	634.
1 10	245	11	6.00	245	7	9.00	245	9	9.25	3.7	602.

TABLE V (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 26-
AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 26-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 12												
11	1	46	6	3.25	45	8	2.00	45	10	1.00	5.2	969.
10	2	46	6	3.00	45	8	2.00	45	10	1.00	5.1	937.
9	3	46	5	3.75	45	7	2.75	45	9	2.25	5.0	906.
8	4	46	5	3.75	45	7	2.50	45	9	2.00	4.9	874.
7	5	46	5	3.50	45	7	2.25	45	9	2.00	4.8	843.
6	6	46	4	3.75	45	6	2.75	45	8	2.75	4.7	811.
5	7	46	4	3.50	45	6	2.25	45	8	2.25	4.5	780.
4	8	46	4	3.00	45	6	1.75	45	8	2.00	4.4	748.
3	9	46	5	1.75	45	6	1.25	45	8	1.25	4.3	717.
2	10	46	5	1.00	245	7	9.50	245	9	9.25	4.2	686.
1	11	246	6	9.25	245	8	8.00	245	10	7.75	4.1	654.
WL = 13												
12	1	46	6	2.75	45	9	.75	45	10	.75	5.7	1052.
11	2	46	6	2.75	45	8	1.75	45	10	.75	5.6	1020.
10	3	46	5	3.50	45	8	1.75	45	10	.75	5.5	989.
9	4	46	5	3.50	45	8	1.50	45	9	1.75	5.4	958.
8	5	46	5	3.25	45	7	2.25	45	9	1.50	5.3	926.
7	6	46	4	3.75	45	7	2.00	45	9	1.50	5.2	895.
6	7	46	4	3.50	45	6	2.50	45	9	1.25	5.1	863.
5	8	46	4	3.00	45	6	2.00	45	8	1.75	5.0	832.
4	9	46	4	2.50	45	6	1.50	45	8	1.25	4.8	800.
3	10	46	5	1.25	45	6	1.00	245	9	9.50	4.7	769.

TABLE V (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 26-
AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 26-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 13												
2	11	46	5	.50	245	7	9.25	245	9	9.00	4.6	737.
1	12	246	6	8.75	245	8	7.75	245	10	7.25	4.5	706.
WL = 14												
13	1	46	6	2.75	46	4	4.25	45	10	.50	6.2	1135.
12	2	46	6	2.50	46	4	4.25	45	10	.50	6.1	1104.
11	3	46	5	3.25	46	3	5.00	45	10	.50	6.0	1072.
10	4	46	5	3.25	45	8	1.50	45	10	.50	5.9	1041.
9	5	46	5	3.25	45	8	1.50	45	9	1.50	5.8	1009.
8	6	46	4	3.75	45	7	2.00	45	9	1.25	5.7	978.
7	7	46	4	3.50	45	7	1.75	45	9	1.00	5.6	947.
6	8	46	4	3.00	45	7	1.50	45	9	.75	5.5	915.
5	9	46	4	2.75	45	6	2.00	45	8	1.50	5.4	884.
4	10	46	4	2.25	45	6	1.50	45	8	1.00	5.3	852.
3	11	46	4	1.50	245	7	9.50	245	9	9.00	5.2	821.
2	12	46	5	.25	245	7	9.00	245	9	8.50	5.0	789.
1	13	246	6	8.50	245	8	7.50	245	10	7.00	4.9	758.
WL = 15												
14	1	4	3	4.50	46	4	4.25	46	6	3.50	6.8	1219.
13	2	4	3	4.50	46	4	4.25	46	6	3.50	6.6	1187.
12	3	4	2	5.25	46	4	4.00	46	6	3.50	6.5	1156.
11	4	46	5	3.25	46	3	4.75	45	10	.25	6.4	1124.
10	5	46	5	3.00	46	3	4.75	45	10	.25	6.3	1093.

TABLE V (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 26-
AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 26-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 15												
9	6	46	4	3.75	46	2	5.25	45	9	1.25	6.2	1061.
8	7	46	4	3.50	46	2	5.00	45	9	1.00	6.1	1030.
7	8	46	4	3.25	46	1	5.25	45	9	.75	6.0	998.
6	9	46	4	2.75	46	1	4.75	45	9	.50	5.9	967.
5	10	46	3	3.00	46	1	4.25	45	8	1.00	5.8	936.
4	11	4	1	3.50	46	1	3.75	45	8	.75	5.7	904.
3	12	4	1	2.75	46	1	3.00	245	9	8.75	5.6	873.
2	13	4	2	1.50	46	2	1.75	245	9	8.25	5.5	841.
1	14	246	6	8.25	46	3	.50	245	10	6.75	5.3	810.
WL = 16												
15	1	4	3	4.25	46	4	4.00	46	6	3.25	7.3	1302.
14	2	4	2	5.00	46	4	4.00	46	6	3.25	7.2	1270.
13	3	4	2	5.00	46	4	4.00	46	6	3.25	7.1	1239.
12	4	4	2	5.00	46	4	4.00	46	5	4.00	7.0	1208.
11	5	4	2	5.00	46	3	4.50	46	5	4.00	6.8	1176.
10	6	4	1	5.50	46	3	4.50	46	5	4.00	6.7	1145.
9	7	4	1	5.25	46	2	5.00	46	4	4.50	6.6	1113.
8	8	4	1	5.00	46	2	4.75	46	4	4.50	6.5	1082.
7	9	4	0	5.25	46	2	4.50	46	4	4.00	6.4	1050.
6	10	4	0	5.00	46	1	4.75	46	4	3.75	6.3	1019.
5	11	4	0	4.50	46	1	4.25	46	3	4.00	6.2	987.
4	12	4	0	3.75	46	1	3.50	46	4	2.75	6.1	956.

TABLE V (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 26-
AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 26-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 16											
3 13	4	1	2.75	46	1	3.00	46	4	2.25	6.0	925.
2 14	4	2	1.50	46	2	1.75	46	5	.75	5.9	893.
1 15	4	3	.25	46	3	.25	245	10	6.50	5.8	862.
WL = 17											
16 1	4	2	5.00	46	4	4.00	46	6	3.00	7.8	1385.
15 2	4	2	5.00	46	4	4.00	46	6	3.00	7.7	1354.
14 3	4	2	5.00	46	4	4.00	46	6	3.00	7.6	1322.
13 4	4	2	5.00	46	4	4.00	46	5	4.00	7.5	1291.
12 5	4	2	4.75	46	4	4.00	46	5	4.00	7.4	1259.
11 6	4	1	5.50	46	3	4.50	46	5	3.75	7.3	1228.
10 7	4	1	5.25	46	3	4.50	46	5	3.75	7.2	1197.
9 8	4	1	5.00	46	2	4.75	46	4	4.25	7.1	1165.
8 9	4	0	5.50	46	2	4.75	46	4	4.25	7.0	1134.
7 10	4	0	5.00	46	2	4.25	46	4	4.00	6.9	1102.
6 11	4	0	4.75	46	1	4.50	46	3	4.25	6.8	1071.
5 12	4	0	4.25	46	1	4.00	46	3	3.75	6.7	1039.
4 13	4	0	3.75	46	1	3.50	46	3	3.25	6.6	1008.
3 14	4	0	3.00	46	1	2.75	46	4	2.00	6.5	977.
2 15	4	1	1.75	46	2	1.50	46	5	.50	6.3	945.
1 16	24	3	9.50	246	4	9.25	246	6	8.75	6.2	914.

TABLE V (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 26-
AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 26-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 18											
17 1	4	2	4.75	4	2	5.00	46	6	3.00	8.4	1469.
16 2	4	2	4.75	4	1	5.75	46	6	3.00	8.3	1437.
15 3	4	2	4.75	46	4	4.00	46	6	3.00	8.1	1406.
14 4	4	2	4.75	46	4	4.00	46	5	3.75	8.0	1374.
13 5	4	2	4.75	46	4	3.75	46	5	3.75	7.9	1343.
12 6	4	1	5.50	46	3	4.50	46	5	3.75	7.8	1311.
11 7	4	1	5.25	46	3	4.50	46	5	3.75	7.7	1280.
10 8	4	1	5.25	46	3	4.25	46	4	4.25	7.6	1248.
9 9	4	0	5.50	46	2	4.75	46	4	4.25	7.5	1217.
8 10	4	0	5.25	46	2	4.50	46	4	4.00	7.4	1186.
7 11	4	0	5.00	46	1	4.75	46	3	4.50	7.3	1154.
6 12	4	0	4.50	46	1	4.50	46	3	4.00	7.2	1123.
5 13	4	0	4.00	46	1	4.00	46	3	3.50	7.1	1091.
4 14	4	0	3.50	46	1	3.25	46	3	3.00	7.0	1060.
3 15	4	0	2.75	46	1	2.75	46	4	1.75	6.9	1028.
2 16	4	1	1.50	46	2	1.25	46	4	1.00	6.8	997.
1 17	4	2	.25	246	4	9.00	246	5	9.25	6.6	966.
WL = 19											
18 1	56	0	6.00	4	2	5.00	4	3	4.75	8.9	1552.
17 2	56	0	6.00	4	1	5.50	4	3	4.75	8.8	1520.
16 3	4	2	4.75	4	1	5.50	4	3	5.00	8.7	1489.
15 4	4	2	4.75	4	1	5.50	4	3	5.00	8.6	1458.

TABLE V (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 26- AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 26-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)
	900/C			600/C			TELSET				
	S5	R2	Z	S5	R2	Z	S5	R2	Z		
WL = 19											
14 5	4	2	4.75	4	1	5.50	46	5	3.75	8.5	1426.
13 6	4	1	5.25	46	4	3.75	46	5	3.75	8.4	1395.
12 7	4	1	5.25	46	3	4.50	46	5	3.50	8.3	1363.
11 8	4	1	5.25	46	3	4.25	46	4	4.25	8.2	1332.
10 9	4	0	5.75	46	3	4.25	46	4	4.25	8.1	1300.
9 10	4	0	5.50	46	2	4.75	46	4	4.00	8.0	1269.
8 11	4	0	5.25	46	2	4.50	46	3	4.50	7.9	1238.
7 12	4	0	5.00	46	1	4.75	46	3	4.25	7.8	1206.
6 13	4	0	4.50	46	1	4.25	46	3	3.75	7.7	1175.
5 14	4	0	4.00	46	1	3.75	46	3	3.50	7.6	1143.
4 15	4	0	3.50	46	1	3.25	46	3	2.75	7.5	1112.
3 16	4	0	2.75	46	1	2.50	46	3	2.25	7.3	1080.
2 17	4	0	2.00	46	2	1.25	46	4	.75	7.2	1049.
1 18	56	0	1.25	4	0	1.25	246	5	9.00	7.1	1017.
WL = 20											
19 1	56	0	6.00	4	1	5.50	4	3	4.75	9.5	1635.
18 2	56	0	6.00	4	1	5.50	4	3	4.75	9.4	1604.
17 3	56	0	6.00	4	1	5.50	4	3	4.75	9.2	1572.
16 4	56	0	6.00	4	1	5.50	4	3	4.75	9.1	1541.
15 5	56	0	6.00	4	1	5.50	4	2	5.50	9.0	1509.
14 6	4	1	5.25	4	1	5.50	4	2	5.50	8.9	1478.
13 7	4	1	5.25	4	0	6.00	4	2	5.50	8.8	1447.

TABLE V (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 26-
AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 26-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 20												
12	8	4	1	5.25	4	0	6.00	4	2	5.50	8.7	1415.
11	9	4	0	5.75	46	3	4.25	46	4	4.25	8.6	1384.
10	10	4	0	5.50	46	2	4.75	46	4	4.00	8.5	1352.
9	11	4	0	5.50	46	2	4.75	46	4	4.00	8.4	1321.
8	12	4	0	5.25	46	2	4.50	46	3	4.50	8.3	1289.
7	13	4	0	4.75	46	1	4.75	46	3	4.00	8.2	1258.
6	14	4	0	4.50	46	1	4.25	46	3	3.75	8.1	1227.
5	15	4	0	4.00	46	1	3.75	46	3	3.25	8.0	1195.
4	16	4	0	3.25	46	1	3.25	46	3	2.75	7.9	1164.
3	17	4	0	2.50	4	0	2.75	46	3	2.00	7.8	1132.
2	18	4	0	1.75	4	0	2.00	46	4	.75	7.7	1101.
1	19	56	0	1.00	4	0	1.25	246	5	9.00	7.5	1069.
WL = 21												
19	2	56	0	5.75	4	1	5.50	4	3	4.75	9.9	1687.
18	3	56	0	6.00	4	1	5.50	4	3	4.75	9.8	1656.
17	4	56	0	6.00	4	1	5.50	4	2	5.50	9.7	1624.
16	5	56	0	6.00	4	1	5.50	4	2	5.50	9.6	1593.
15	6	56	0	6.00	4	1	5.50	4	2	5.50	9.5	1561.
14	7	4	1	5.25	4	1	5.50	4	2	5.50	9.4	1530.
13	8	4	1	5.25	4	0	6.00	4	2	5.50	9.3	1498.
12	9	4	0	5.75	4	0	6.00	4	1	6.00	9.2	1467.
11	10	4	0	5.75	4	0	6.00	4	1	6.00	9.1	1436.

TABLE V (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 26-
AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 26-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION									1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)	
	900/C			600/C			TELSET					
	S5	R2	Z	S5	R2	Z	S5	R2	Z			
WL = 21												
10	11	4	0	5.50	4	0	5.75	4	1	5.75	9.0	1404.
9	12	4	0	5.50	4	0	5.50	4	0	6.25	8.9	1373.
8	13	4	0	5.25	46	1	5.00	4	0	6.00	8.8	1341.
7	14	4	0	4.75	46	1	4.50	4	0	5.75	8.7	1310.
6	15	4	0	4.25	46	1	4.25	4	0	5.25	8.6	1278.
5	16	4	0	3.75	46	1	3.75	4	0	4.75	8.5	1247.
4	17	4	0	3.25	4	0	3.50	4	0	4.00	8.4	1216.
3	18	4	0	2.50	4	0	2.75	4	0	3.50	8.2	1184.
2	19	4	0	1.75	4	0	2.00	4	1	2.00	8.1	1153.
1	20	56	0	1.00	4	0	1.25	4	2	.75	8.0	1121.
WL = 22												
16	6	56	0	6.00	4	1	5.50	4	2	5.25	10.0	1645.
15	7	56	0	6.00	4	1	5.50	4	2	5.50	9.9	1613.
14	8	56	0	5.75	4	0	6.00	4	2	5.50	9.8	1582.
13	9	4	0	5.75	4	0	6.00	4	1	6.00	9.7	1550.
12	10	4	0	5.75	4	0	6.00	4	1	6.00	9.6	1519.
11	11	4	0	5.75	4	0	6.00	4	1	5.75	9.5	1488.
10	12	4	0	5.50	4	0	5.75	4	1	5.75	9.4	1456.
9	13	4	0	5.25	4	0	5.50	4	0	6.00	9.4	1425.
8	14	4	0	5.00	4	0	5.25	4	0	5.75	9.3	1393.
7	15	4	0	4.75	4	0	5.00	4	0	5.50	9.2	1362.
6	16	4	0	4.25	4	0	4.50	4	0	5.00	9.1	1330.

TABLE V (Contd)

PRECISION BALANCE NETWORK SETTINGS FOR MIXED 26-
AND 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH(KFT) 26-GA 24-GA	BALANCE NETWORK SETTINGS BY TERMINATION						1-KHZ CABLE LOSS (DB) (900 OHMS)	DC CABLE RES (OHMS)				
	900/C			600/C					TELSET			
	S5	R2	Z	S5	R2	Z			S5	R2	Z	
WL = 22												
5	17	4	0	3.75	4	0	4.00	4	0	4.50	8.9	1299.
4	18	4	0	3.25	4	0	3.50	4	0	4.00	8.8	1267.
3	19	4	0	2.50	4	0	2.75	4	0	3.25	8.7	1236.
2	20	4	0	1.75	4	0	2.00	4	1	2.00	8.6	1205.
1	21	56	0	1.00	4	0	1.00	4	2	.75	8.4	1173.
WL = 23												
11	12	4	0	5.75	4	0	5.75	4	1	5.75	10.0	1539.
10	13	4	0	5.50	4	0	5.75	4	0	6.25	9.9	1508.
9	14	4	0	5.25	4	0	5.50	4	0	6.00	9.8	1477.
8	15	4	0	5.00	4	0	5.25	4	0	5.75	9.7	1445.
7	16	4	0	4.75	4	0	5.00	4	0	5.50	9.6	1414.
6	17	4	0	4.25	4	0	4.50	4	0	5.00	9.5	1382.
5	18	4	0	3.75	4	0	4.00	4	0	4.50	9.4	1351.
4	19	4	0	3.25	4	0	3.25	4	0	4.00	9.3	1319.
3	20	4	0	2.50	4	0	2.75	4	0	3.25	9.2	1288.
2	21	56	0	1.75	4	0	2.00	4	0	2.50	9.0	1256.
1	22	56	0	1.00	4	0	1.00	4	2	.75	8.9	1225.
WL = 24												
6	18	4	0	4.25	4	0	4.50	4	0	5.00	10.0	1434.
5	19	4	0	3.75	4	0	4.00	4	0	4.50	9.9	1403.
4	20	4	0	3.25	4	0	3.25	4	0	3.75	9.7	1371.
3	21	4	0	2.50	4	0	2.75	4	0	3.25	9.6	1340.
2	22	56	0	1.75	4	0	1.75	4	0	2.25	9.5	1308.
1	23	56	0	.75	4	0	1.00	4	1	1.00	9.3	1277.
WL = 25												
2	23	56	0	1.75	4	0	1.75	4	0	2.25	9.9	1360.
1	24	56	0	.75	4	0	1.00	56	0	1.50	9.8	1329.

TABLE W

2-WIRE EQUALIZER SETTINGS FOR 19-GAUGE
NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)	ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
	900/C	600/C	TEL-SET
4.0	0.0	0.0	0.0
5.0	0.0	0.0	0.0
6.0	0.0	0.0	0.0
7.0	0.0	0.0	0.0
8.0	1.0	0.0	0.0
9.0	1.0	0.0	1.0
10.0	2.0	1.0	1.0
11.0	2.0	1.0	2.0
12.0	2.0	1.0	2.0
13.0	3.0	2.0	2.0
14.0	3.0	2.0	3.0
15.0	3.0	2.0	3.0
16.0	3.0	3.0	3.0
17.0	4.0	3.0	4.0
18.0	4.0	3.0	4.5
19.0	4.5	3.0	4.5
20.0	4.5	4.0	5.0
21.0	5.0	4.0	5.0
22.0	5.0	4.0	5.0
23.0	5.0	4.5	5.5
24.0	5.5	4.5	5.5
25.0	5.5	4.5	5.5

TABLE W (Contd)

2-WIRE EQUALIZER SETTINGS FOR 19-GAUGE
NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)	ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
	900/C	600/C	TEL-SET
26.0	5.5	5.0	6.0
27.0	5.5	5.0	6.0
28.0	6.0	5.0	6.0
29.0	6.0	5.5	6.0
30.0	6.0	5.5	6.5
31.0	6.0	5.5	6.5
32.0	6.0	5.5	6.5
33.0	6.5	6.0	6.5
34.0	6.5	6.0	6.5
35.0	6.5	6.0	7.0
36.0	6.5	6.0	7.0
37.0	6.5	6.0	7.0

TABLE X

2-WIRE EQUALIZER SETTINGS FOR 22-GAUGE
NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)	ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
	900/C	600/C	TEL-SET
4.0	0.0	0.0	0.0
5.0	0.0	0.0	0.0
6.0	0.0	0.0	0.0
7.0	0.0	0.0	0.0
8.0	1.0	0.0	0.0
9.0	1.0	1.0	1.0
10.0	2.0	1.0	1.0
11.0	2.0	1.0	2.0
12.0	2.0	2.0	2.0
13.0	3.0	2.0	2.0
14.0	3.0	2.0	3.0
15.0	3.0	3.0	3.0
16.0	4.0	3.0	3.0
17.0	4.5	3.0	4.0
18.0	4.5	3.0	4.5
19.0	5.0	4.0	4.5
20.0	5.0	4.0	5.0
21.0	5.0	4.5	5.0
22.0	5.5	4.5	5.5
23.0	5.5	5.0	5.5
24.0	6.0	5.0	5.5
25.0	6.0	5.5	6.0
26.0	6.0	5.5	6.0
27.0	6.5	5.5	6.5
28.0	6.5	6.0	6.5
29.0	6.5	6.0	6.5

TABLE Y

2-WIRE EQUALIZER SETTINGS FOR 24-GAUGE
NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)	ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
	900/C	600/C	TEL-SET
4.0	0.0	0.0	0.0
5.0	0.0	0.0	0.0
6.0	0.0	0.0	0.0
7.0	1.0	0.0	0.0
8.0	1.0	0.0	0.0
9.0	2.0	1.0	1.0
10.0	2.0	1.0	1.0
11.0	2.0	2.0	2.0
12.0	3.0	2.0	2.0
13.0	3.0	2.0	3.0
14.0	4.0	3.0	3.0
15.0	4.0	3.0	3.0
16.0	4.5	3.0	4.0
17.0	4.5	4.0	4.5
18.0	5.0	4.5	4.5
19.0	5.5	4.5	5.0
20.0	5.5	5.0	5.5
21.0	6.0	5.0	5.5
22.0	6.0	5.5	6.0
23.0	6.0	5.5	6.0

TABLE 2

2-WIRE EQUALIZER SETTINGS FOR 25-GAUGE
NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)	ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
	900/C	600/C	TEL-SET
4.0	0.0	0.0	0.0
5.0	0.0	0.0	0.0
6.0	0.0	0.0	0.0
7.0	0.0	0.0	0.0
8.0	0.0	0.0	0.0
9.0	1.0	0.0	0.0
10.0	1.0	0.0	0.0
11.0	1.0	1.0	1.0
12.0	2.0	1.0	1.0
13.0	2.0	2.0	1.0
14.0	3.0	2.0	2.0
15.0	3.0	2.0	2.0
16.0	3.0	3.0	2.0
17.0	4.0	3.0	3.0
18.0	4.0	3.0	3.0
19.0	4.5	4.0	4.0
20.0	5.0	4.0	4.0
21.0	5.0	4.5	4.5
22.0	5.5	4.5	4.5
23.0	5.5	5.0	5.0

TABLE AA

2-WIRE EQUALIZER SETTINGS FOR 26-GAUGE
NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)	ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
	900/C	600/C	TEL-SET
4.0	0.0	0.0	0.0
5.0	0.0	0.0	0.0
6.0	0.0	0.0	0.0
7.0	1.0	0.0	0.0
8.0	1.0	1.0	0.0
9.0	2.0	1.0	1.0
10.0	2.0	2.0	1.0
11.0	3.0	2.0	2.0
12.0	3.0	2.0	2.0
13.0	4.0	3.0	3.0
14.0	4.0	3.0	3.0
15.0	4.5	4.0	4.0
16.0	5.0	4.5	4.5
17.0	5.5	4.5	4.5
18.0	5.5	5.0	5.0

TABLE BB

2-WIRE EQUALIZER SETTINGS FOR MIXED 22 - 24
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
22-GA	24-GA	900/C	600/C	TEL-SET
WL = 4				
3	1	0.0	0.0	0.0
2	2	0.0	0.0	0.0
1	3	0.0	0.0	0.0
WL = 5				
4	1	0.0	0.0	0.0
3	2	0.0	0.0	0.0
2	3	0.0	0.0	0.0
1	4	0.0	0.0	0.0
WL = 6				
5	1	0.0	0.0	0.0
4	2	0.0	0.0	0.0
3	3	0.0	0.0	0.0
2	4	0.0	0.0	0.0
1	5	0.0	0.0	0.0
WL = 7				
6	1	0.0	0.0	0.0
5	2	0.0	0.0	0.0
4	3	0.0	0.0	0.0
3	4	0.0	0.0	0.0
2	5	1.0	0.0	0.0
1	6	1.0	0.0	0.0
WL = 8				
7	1	1.0	0.0	0.0
6	2	1.0	0.0	0.0
5	3	1.0	0.0	0.0
4	4	1.0	0.0	0.0

TABLE BB (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 22 - 24
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
22-GA	24-GA	900/C	600/C	TEL-SET
WL = 8				
3	5	1.0	0.0	0.0
2	6	1.0	0.0	0.0
1	7	1.0	0.0	0.0
WL = 9				
8	1	1.0	1.0	1.0
7	2	1.0	1.0	1.0
6	3	1.0	1.0	1.0
5	4	1.0	1.0	1.0
4	5	1.0	1.0	1.0
3	6	1.0	1.0	1.0
2	7	1.0	1.0	1.0
1	8	1.0	1.0	1.0
WL = 10				
9	1	2.0	1.0	1.0
8	2	2.0	1.0	1.0
7	3	2.0	1.0	1.0
6	4	2.0	1.0	1.0
5	5	2.0	1.0	1.0
4	6	2.0	1.0	1.0
3	7	2.0	1.0	1.0
2	8	2.0	1.0	1.0
1	9	2.0	1.0	1.0
WL = 11				
10	1	2.0	1.0	2.0
9	2	2.0	1.0	2.0

TABLE BB (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 22 - 24
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
22-GA	24-GA	900/C	600/C	TEL-SET
WL = 11				
8	3	2.0	1.0	2.0
7	4	2.0	1.0	2.0
6	5	2.0	1.0	2.0
5	6	2.0	1.0	2.0
4	7	2.0	1.0	2.0
3	8	2.0	1.0	2.0
2	9	2.0	1.0	2.0
1	10	2.0	2.0	2.0
WL = 12				
11	1	2.0	2.0	2.0
10	2	3.0	2.0	2.0
9	3	3.0	2.0	2.0
8	4	3.0	2.0	2.0
7	5	3.0	2.0	2.0
6	6	3.0	2.0	2.0
5	7	3.0	2.0	2.0
4	8	3.0	2.0	2.0
3	9	3.0	2.0	2.0
2	10	3.0	2.0	2.0
1	11	3.0	2.0	2.0
WL = 13				
12	1	3.0	2.0	2.0
11	2	3.0	2.0	2.0
10	3	3.0	2.0	2.0

TABLE BB (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 22 - 24
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
22-GA	24-GA	900/C	600/C	TEL-SET
WL = 13				
9	4	3.0	2.0	2.0
8	5	3.0	2.0	2.0
7	6	3.0	2.0	2.0
6	7	3.0	2.0	3.0
5	8	3.0	2.0	3.0
4	9	3.0	2.0	3.0
3	10	3.0	2.0	3.0
2	11	3.0	2.0	3.0
1	12	3.0	2.0	3.0
WL = 14				
13	1	3.0	2.0	3.0
12	2	3.0	2.0	3.0
11	3	3.0	2.0	3.0
10	4	3.0	2.0	3.0
9	5	3.0	2.0	3.0
8	6	3.0	2.0	3.0
7	7	3.0	2.0	3.0
6	8	3.0	2.0	3.0
5	9	3.0	3.0	3.0
4	10	3.0	3.0	3.0
3	11	3.0	3.0	3.0
2	12	3.0	3.0	3.0
1	13	3.0	3.0	3.0

TABLE BB (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 22 - 24
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
22-GA	24-GA	900/C	600/C	TEL-SET
WL = 15				
14	1	3.0	3.0	3.0
13	2	4.0	3.0	3.0
12	3	4.0	3.0	3.0
11	4	4.0	3.0	3.0
10	5	4.0	3.0	3.0
9	6	4.0	3.0	3.0
8	7	4.0	3.0	3.0
7	8	4.0	3.0	3.0
6	9	4.0	3.0	3.0
5	10	4.0	3.0	3.0
4	11	4.0	3.0	3.0
3	12	4.0	3.0	3.0
2	13	4.0	3.0	3.0
1	14	4.0	3.0	3.0
WL = 16				
15	1	4.0	3.0	4.0
14	2	4.0	3.0	4.0
13	3	4.0	3.0	4.0
12	4	4.0	3.0	4.0
11	5	4.0	3.0	4.0
10	6	4.0	3.0	4.0
9	7	4.0	3.0	4.0
8	8	4.0	3.0	4.0

TABLE BB (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 22 - 24
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
22-GA	24-GA	900/C	600/C	TEL-SET
WL = 16				
7	9	4.0	3.0	4.0
6	10	4.5	3.0	4.0
5	11	4.5	3.0	4.0
4	12	4.5	3.0	4.0
3	13	4.5	3.0	4.0
2	14	4.5	3.0	4.0
1	15	4.5	3.0	4.0
WL = 17				
16	1	4.5	3.0	4.0
15	2	4.5	3.0	4.0
14	3	4.5	3.0	4.0
13	4	4.5	3.0	4.0
12	5	4.5	3.0	4.0
11	6	4.5	3.0	4.0
10	7	4.5	3.0	4.0
9	8	4.5	3.0	4.0
8	9	4.5	3.0	4.0
7	10	4.5	3.0	4.0
6	11	4.5	4.0	4.0
5	12	4.5	4.0	4.0
4	13	4.5	4.0	4.5
3	14	4.5	4.0	4.5
2	15	4.5	4.0	4.5

TABLE BB (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 22 - 24
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
22-GA	24-GA	900/C	600/C	TEL-SET
WL = 17				
1	16	4.5	4.0	4.5
WL = 18				
17	1	4.5	4.0	4.5
16	2	4.5	4.0	4.5
15	3	4.5	4.0	4.5
14	4	4.5	4.0	4.5
13	5	4.5	4.0	4.5
12	6	4.5	4.0	4.5
11	7	4.5	4.0	4.5
10	8	4.5	4.0	4.5
9	9	5.0	4.0	4.5
8	10	5.0	4.0	4.5
7	11	5.0	4.0	4.5
6	12	5.0	4.0	4.5
5	13	5.0	4.0	4.5
4	14	5.0	4.0	4.5
3	15	5.0	4.0	4.5
2	16	5.0	4.0	4.5
1	17	5.0	4.5	4.5
WL = 19				
18	1	5.0	4.0	4.5
17	2	5.0	4.0	4.5
16	3	5.0	4.0	4.5
15	4	5.0	4.0	4.5

TABLE BB (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 22 - 24
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT) 22-GA 24-GA		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
		900/C	600/C	TEL-SET
WL = 19				
14	5	5.0	4.0	4.5
13	6	5.0	4.0	5.0
12	7	5.0	4.0	5.0
11	8	5.0	4.0	5.0
10	9	5.0	4.0	5.0
9	10	5.0	4.5	5.0
8	11	5.0	4.5	5.0
7	12	5.0	4.5	5.0
6	13	5.0	4.5	5.0
5	14	5.0	4.5	5.0
4	15	5.0	4.5	5.0
3	16	5.0	4.5	5.0
2	17	5.0	4.5	5.0
1	18	5.5	4.5	5.0
WL = 20				
19	1	5.0	4.5	5.0
18	2	5.0	4.5	5.0
17	3	5.0	4.5	5.0
16	4	5.0	4.5	5.0
15	5	5.0	4.5	5.0
14	6	5.0	4.5	5.0
13	7	5.0	4.5	5.0
12	8	5.0	4.5	5.0

TABLE BB (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 22 - 24
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
22-GA	24-GA	900/C	600/C	TEL-SET
WL = 20				
11	9	5.0	4.5	5.0
10	10	5.5	4.5	5.0
9	11	5.5	4.5	5.0
8	12	5.5	4.5	5.0
7	13	5.5	4.5	5.0
6	14	5.5	4.5	5.0
5	15	5.5	4.5	5.0
4	16	5.5	4.5	5.0
3	17	5.5	5.0	5.0
2	18	5.5	5.0	5.0
1	19	5.5	5.0	5.0
WL = 21				
20	1	5.0	4.5	5.0
19	2	5.5	4.5	5.0
18	3	5.5	4.5	5.0
17	4	5.5	4.5	5.0
16	5	5.5	4.5	5.0
15	6	5.5	4.5	5.5
14	7	5.5	4.5	5.5
13	8	5.5	4.5	5.5
12	9	5.5	4.5	5.5
11	10	5.5	5.0	5.5
10	11	5.5	5.0	5.5

TABLE BB (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 22 - 24
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
22-GA	24-GA	900/C	600/C	TEL-SET
WL = 21				
9	12	5.5	5.0	5.5
8	13	5.5	5.0	5.5
7	14	5.5	5.0	5.5
6	15	5.5	5.0	5.5
5	16	5.5	5.0	5.5
4	17	5.5	5.0	5.5
3	18	5.5	5.0	5.5
2	19	5.5	5.0	5.5
1	20	5.5	5.0	5.5
WL = 22				
21	1	5.5	5.0	5.5
20	2	5.5	5.0	5.5
19	3	5.5	5.0	5.5
18	4	5.5	5.0	5.5
17	5	5.5	5.0	5.5
16	6	5.5	5.0	5.5
15	7	5.5	5.0	5.5
14	8	5.5	5.0	5.5
13	9	5.5	5.0	5.5
12	10	5.5	5.0	5.5
11	11	5.5	5.0	5.5
10	12	5.5	5.0	5.5
9	13	6.0	5.0	5.5

TABLE BB (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 22 - 24
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
22-GA	24-GA	900/C	600/C	TEL-SET
WL = 22				
8	14	6.0	5.0	5.5
7	15	6.0	5.0	5.5
6	16	6.0	5.0	5.5
5	17	6.0	5.0	5.5
4	18	6.0	5.5	5.5
3	19	6.0	5.5	5.5
2	20	6.0	5.5	5.5
1	21	6.0	5.5	5.5
WL = 23				
22	1	5.5	5.0	5.5
21	2	5.5	5.0	5.5
20	3	5.5	5.0	5.5
19	4	5.5	5.0	5.5
18	5	5.5	5.0	5.5
17	6	6.0	5.0	5.5
16	7	6.0	5.0	5.5
15	8	6.0	5.0	5.5
14	9	6.0	5.0	6.0
13	10	6.0	5.0	6.0
12	11	6.0	5.0	6.0
11	12	6.0	5.5	6.0
10	13	6.0	5.5	6.0
9	14	6.0	5.5	6.0

TABLE BB (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 22 - 24
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT) 22-GA 24-GA		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
		900/C	600/C	TEL-SET
WL = 23				
8	15	6.0	5.5	6.0
7	16	6.0	5.5	6.0
6	17	6.0	5.5	6.0
5	18	6.0	5.5	6.0
4	19	6.0	5.5	6.0
3	20	6.0	5.5	6.0
2	21	6.0	5.5	6.0
1	22	6.0	5.5	6.0
WL = 24				
23	1	6.0	5.0	6.0
22	2	6.0	5.0	6.0
21	3	6.0	5.0	6.0
20	4	6.0	5.5	6.0
19	5	6.0	5.5	6.0
18	6	6.0	5.5	6.0
17	7	6.0	5.5	6.0
16	8	6.0	5.5	6.0
15	9	6.0	5.5	6.0
14	10	6.0	5.5	6.0
13	11	6.0	5.5	6.0
12	12	6.0	5.5	6.0
11	13	6.0	5.5	6.0
10	14	6.0	5.5	6.0

TABLE BB (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 22 - 24
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
22-GA	24-GA	900/C	600/C	TEL-SET
WL = 25				
10	15	6.5	6.0	6.5
9	16	6.5	6.0	6.5
8	17	6.5	6.0	6.5
7	18	6.5	6.0	6.5
WL = 26				
25	1	6.0	5.5	6.0
24	2	6.0	5.5	6.0
23	3	6.0	5.5	6.0
22	4	6.0	5.5	6.0
21	5	6.0	5.5	6.0
20	6	6.0	5.5	6.0
19	7	6.5	5.5	6.5
18	8	6.5	5.5	6.5
17	9	6.5	6.0	6.5
16	10	6.5	6.0	6.5
15	11	6.5	6.0	6.5
14	12	6.5	6.0	6.5
13	13	6.5	6.0	6.5
12	14	6.5	6.0	6.5
WL = 27				
26	1	6.5	5.5	6.5
25	2	6.5	6.0	6.5
24	3	6.5	6.0	6.5

TABLE BB (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 22 - 24
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT) 22-GA 24-GA		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
		900/C	600/C	TEL-SET
WL = 24				
9	15	6.0	5.5	6.0
8	16	6.0	5.5	6.0
7	17	6.0	5.5	6.0
6	18	6.5	5.5	6.0
5	19	6.5	5.5	6.0
4	20	6.5	5.5	6.0
3	21	6.5	6.0	6.0
2	22	6.5	6.0	6.0
WL = 25				
24	1	6.0	5.5	6.0
23	2	6.0	5.5	6.0
22	3	6.0	5.5	6.0
21	4	6.0	5.5	6.0
20	5	6.0	5.5	6.0
19	6	6.0	5.5	6.0
18	7	6.0	5.5	6.0
17	8	6.0	5.5	6.0
16	9	6.0	5.5	6.0
15	10	6.0	5.5	6.0
14	11	6.0	5.5	6.0
13	12	6.5	5.5	6.0
12	13	6.5	5.5	6.0
11	14	6.5	5.5	6.5

TABLE BB (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 22 - 24
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
22-GA	24-GA	900/C	600/C	TEL-SET
WL = 27				
23	4	6.5	6.0	6.5
22	5	6.5	6.0	6.5
21	6	6.5	6.0	6.5
20	7	6.5	6.0	6.5
19	8	6.5	6.0	6.5
18	9	6.5	6.0	6.5
WL = 28				
27	1	6.5	6.0	6.5
26	2	6.5	6.0	6.5
25	3	6.5	6.0	6.5
24	4	6.5	6.0	6.5
WL = 29				
28	1	6.5	6.0	6.5

TABLE CC

2-WIRE EQUALIZER SETTINGS FOR MIXED 24 - 22
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
24-GA	22-GA	900/C	600/C	TEL-SET
WL = 4				
3	1	0.0	0.0	0.0
2	2	0.0	0.0	0.0
1	3	0.0	0.0	0.0
WL = 5				
4	1	0.0	0.0	0.0
3	2	0.0	0.0	0.0
2	3	0.0	0.0	0.0
1	4	0.0	0.0	0.0
WL = 6				
5	1	0.0	0.0	0.0
4	2	0.0	0.0	0.0
3	3	0.0	0.0	0.0
2	4	0.0	0.0	0.0
1	5	0.0	0.0	0.0
WL = 7				
6	1	1.0	0.0	0.0
5	2	1.0	0.0	0.0
4	3	0.0	0.0	0.0
3	4	0.0	0.0	0.0
2	5	0.0	0.0	0.0
1	6	0.0	0.0	0.0
WL = 8				
7	1	1.0	0.0	0.0
6	2	1.0	0.0	0.0
5	3	1.0	0.0	0.0
4	4	1.0	0.0	0.0

TABLE CC (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 24 - 22
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
24-GA	22-GA	900/C	600/C	TEL-SET
WL = 8				
3	5	1.0	0.0	0.0
2	6	1.0	0.0	0.0
1	7	1.0	0.0	0.0
WL = 9				
8	1	1.0	1.0	1.0
7	2	1.0	1.0	1.0
6	3	1.0	1.0	1.0
5	4	1.0	1.0	1.0
4	5	1.0	1.0	1.0
3	6	1.0	1.0	1.0
2	7	1.0	1.0	1.0
1	8	1.0	1.0	1.0
WL = 10				
9	1	2.0	1.0	1.0
8	2	2.0	1.0	1.0
7	3	2.0	1.0	1.0
6	4	2.0	1.0	1.0
5	5	2.0	1.0	1.0
4	6	2.0	1.0	1.0
3	7	2.0	1.0	1.0
2	8	2.0	1.0	1.0
1	9	2.0	1.0	1.0
WL = 11				
10	1	2.0	2.0	2.0
9	2	2.0	2.0	2.0

TABLE CC (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 24 - 22
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
24-GA	22-GA	900/C	600/C	TEL-SET
WL = 11				
8	3	2.0	2.0	2.0
7	4	2.0	1.0	2.0
6	5	2.0	1.0	2.0
5	6	2.0	1.0	2.0
4	7	2.0	1.0	2.0
3	8	2.0	1.0	2.0
2	9	2.0	1.0	2.0
1	10	2.0	1.0	2.0
WL = 12				
11	1	3.0	2.0	2.0
10	2	3.0	2.0	2.0
9	3	3.0	2.0	2.0
8	4	3.0	2.0	2.0
7	5	3.0	2.0	2.0
6	6	3.0	2.0	2.0
5	7	3.0	2.0	2.0
4	8	3.0	2.0	2.0
3	9	3.0	2.0	2.0
2	10	3.0	2.0	2.0
1	11	2.0	2.0	2.0
WL = 13				
12	1	3.0	2.0	3.0
11	2	3.0	2.0	3.0
10	3	3.0	2.0	3.0

TABLE CC (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 24 - 22
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
24-GA	22-GA	900/C	600/C	TEL-SET
WL = 13				
9	4	3.0	2.0	3.0
8	5	3.0	2.0	2.0
7	6	3.0	2.0	2.0
6	7	3.0	2.0	2.0
5	8	3.0	2.0	2.0
4	9	3.0	2.0	2.0
3	10	3.0	2.0	2.0
2	11	3.0	2.0	2.0
1	12	3.0	2.0	2.0
WL = 14				
13	1	3.0	3.0	3.0
12	2	3.0	3.0	3.0
11	3	3.0	3.0	3.0
10	4	3.0	3.0	3.0
9	5	3.0	3.0	3.0
8	6	3.0	3.0	3.0
7	7	3.0	3.0	3.0
6	8	3.0	3.0	3.0
5	9	3.0	3.0	3.0
4	10	3.0	2.0	3.0
3	11	3.0	2.0	3.0
2	12	3.0	2.0	3.0
1	13	3.0	2.0	3.0

TABLE CC (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 24 - 22
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
24-GA	22-GA	900/C	600/C	TEL-SET
WL = 15				
14	1	4.0	3.0	3.0
13	2	4.0	3.0	3.0
12	3	4.0	3.0	3.0
11	4	4.0	3.0	3.0
10	5	4.0	3.0	3.0
9	6	4.0	3.0	3.0
8	7	4.0	3.0	3.0
7	8	4.0	3.0	3.0
6	9	4.0	3.0	3.0
5	10	4.0	3.0	3.0
4	11	4.0	3.0	3.0
3	12	4.0	3.0	3.0
2	13	4.0	3.0	3.0
1	14	3.0	3.0	3.0
WL = 16				
15	1	4.5	3.0	4.0
14	2	4.5	3.0	4.0
13	3	4.5	3.0	4.0
12	4	4.5	3.0	4.0
11	5	4.5	3.0	4.0
10	6	4.0	3.0	4.0
9	7	4.0	3.0	4.0
8	8	4.0	3.0	4.0

TABLE CC (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 24 - 22
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT) 24-GA 22-GA		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
		900/C	600/C	TEL-SET
WL = 16				
7	9	4.0	3.0	4.0
6	10	4.0	3.0	4.0
5	11	4.0	3.0	4.0
4	12	4.0	3.0	4.0
3	13	4.0	3.0	4.0
2	14	4.0	3.0	4.0
1	15	4.0	3.0	3.0
WL = 17				
16	1	4.5	4.0	4.5
15	2	4.5	4.0	4.5
14	3	4.5	4.0	4.5
13	4	4.5	4.0	4.0
12	5	4.5	4.0	4.0
11	6	4.5	4.0	4.0
10	7	4.5	4.0	4.0
9	8	4.5	4.0	4.0
8	9	4.5	4.0	4.0
7	10	4.5	4.0	4.0
6	11	4.5	3.0	4.0
5	12	4.5	3.0	4.0
4	13	4.5	3.0	4.0
3	14	4.5	3.0	4.0
2	15	4.5	3.0	4.0

TABLE CC (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 24 - 22
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
24-GA	22-GA	900/C	600/C	TEL-SET
WL = 17				
1	16	4.5	3.0	4.0
WL = 18				
17	1	5.0	4.5	4.5
16	2	5.0	4.5	4.5
15	3	5.0	4.0	4.5
14	4	5.0	4.0	4.5
13	5	5.0	4.0	4.5
12	6	5.0	4.0	4.5
11	7	5.0	4.0	4.5
10	8	5.0	4.0	4.5
9	9	5.0	4.0	4.5
8	10	4.5	4.0	4.5
7	11	4.5	4.0	4.5
6	12	4.5	4.0	4.5
5	13	4.5	4.0	4.5
4	14	4.5	4.0	4.5
3	15	4.5	4.0	4.5
2	16	4.5	4.0	4.5
1	17	4.5	4.0	4.5
WL = 19				
18	1	5.0	4.5	5.0
17	2	5.0	4.5	5.0
16	3	5.0	4.5	5.0
15	4	5.0	4.5	5.0

TABLE CC (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 24 - 22
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT) 24-GA 22-GA		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
		900/C	600/C	TEL-SET
WL = 19				
14	5	5.0	4.5	5.0
13	6	5.0	4.5	5.0
12	7	5.0	4.5	5.0
11	8	5.0	4.5	5.0
10	9	5.0	4.5	4.5
9	10	5.0	4.5	4.5
8	11	5.0	4.5	4.5
7	12	5.0	4.5	4.5
6	13	5.0	4.5	4.5
5	14	5.0	4.0	4.5
4	15	5.0	4.0	4.5
3	16	5.0	4.0	4.5
2	17	5.0	4.0	4.5
1	18	5.0	4.0	4.5
WL = 20				
19	1	5.5	5.0	5.0
18	2	5.5	5.0	5.0
17	3	5.5	5.0	5.0
16	4	5.5	5.0	5.0
15	5	5.5	5.0	5.0
14	6	5.5	4.5	5.0
13	7	5.5	4.5	5.0
12	8	5.5	4.5	5.0

TABLE CC (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 24 - 22
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
24-GA	22-GA	900/C	600/C	TEL-SET
WL = 20				
11	9	5.5	4.5	5.0
10	10	5.5	4.5	5.0
9	11	5.0	4.5	5.0
8	12	5.0	4.5	5.0
7	13	5.0	4.5	5.0
6	14	5.0	4.5	5.0
5	15	5.0	4.5	5.0
4	16	5.0	4.5	5.0
3	17	5.0	4.5	5.0
2	18	5.0	4.5	5.0
1	19	5.0	4.5	5.0
WL = 21				
20	1	5.5	5.0	5.5
19	2	5.5	5.0	5.5
18	3	5.5	5.0	5.5
17	4	5.5	5.0	5.5
16	5	5.5	5.0	5.5
15	6	5.5	5.0	5.5
14	7	5.5	5.0	5.5
13	8	5.5	5.0	5.5
12	9	5.5	5.0	5.5
11	10	5.5	5.0	5.5
10	11	5.5	5.0	5.0

TABLE CC (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 24 - 22
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
24-GA	22-GA	900/C	600/C	TEL-SET
WL = 21				
9	12	5.5	5.0	5.0
8	13	5.5	5.0	5.0
7	14	5.5	5.0	5.0
6	15	5.5	4.5	5.0
5	16	5.5	4.5	5.0
4	17	5.5	4.5	5.0
3	18	5.5	4.5	5.0
2	19	5.5	4.5	5.0
1	20	5.0	4.5	5.0
WL = 22				
21	1	6.0	5.5	5.5
20	2	6.0	5.5	5.5
19	3	6.0	5.5	5.5
18	4	6.0	5.5	5.5
17	5	6.0	5.5	5.5
16	6	6.0	5.5	5.5
15	7	6.0	5.0	5.5
14	8	6.0	5.0	5.5
13	9	6.0	5.0	5.5
12	10	5.5	5.0	5.5
11	11	5.5	5.0	5.5
10	12	5.5	5.0	5.5
9	13	5.5	5.0	5.5

TABLE CC (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 24 - 22
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
24-GA	22-GA	900/C	600/C	TEL-SET
WL = 22				
8	14	5.5	5.0	5.5
7	15	5.5	5.0	5.5
6	16	5.5	5.0	5.5
5	17	5.5	5.0	5.5
4	18	5.5	5.0	5.5
3	19	5.5	5.0	5.5
2	20	5.5	5.0	5.5
1	21	5.5	5.0	5.5
WL = 23				
22	1	6.0	5.5	6.0
21	2	6.0	5.5	6.0
20	3	6.0	5.5	6.0
19	4	6.0	5.5	6.0
18	5	6.0	5.5	6.0
17	6	6.0	5.5	6.0
16	7	6.0	5.5	6.0
15	8	6.0	5.5	6.0
14	9	6.0	5.5	6.0
13	10	6.0	5.5	5.5
12	11	6.0	5.5	5.5
11	12	6.0	5.5	5.5
10	13	6.0	5.5	5.5
9	14	6.0	5.5	5.5

TABLE CC (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 24 - 22
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
24-GA	22-GA	900/C	600/C	TEL-SET
WL = 23				
8	15	6.0	5.0	5.5
7	16	6.0	5.0	5.5
6	17	5.5	5.0	5.5
5	18	5.5	5.0	5.5
4	19	5.5	5.0	5.5
3	20	5.5	5.0	5.5
2	21	5.5	5.0	5.5
1	22	5.5	5.0	5.5
WL = 24				
22	2	6.5	6.0	6.0
21	3	6.5	6.0	6.0
20	4	6.5	6.0	6.0
19	5	6.5	6.0	6.0
18	6	6.5	5.5	6.0
17	7	6.0	5.5	6.0
16	8	6.0	5.5	6.0
15	9	6.0	5.5	6.0
14	10	6.0	5.5	6.0
13	11	6.0	5.5	6.0
12	12	6.0	5.5	6.0
11	13	6.0	5.5	6.0
10	14	6.0	5.5	6.0
9	15	6.0	5.5	6.0

TABLE CC (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 24 - 22
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
24-GA	22-GA	900/C	600/C	TEL-SET
WL = 24				
8	16	6.0	5.5	6.0
7	17	6.0	5.5	6.0
6	18	6.0	5.5	6.0
5	19	6.0	5.5	6.0
4	20	6.0	5.5	6.0
3	21	6.0	5.5	6.0
2	22	6.0	5.0	6.0
1	23	6.0	5.0	6.0
WL = 25				
18	7	6.5	6.0	6.0
17	8	6.5	6.0	6.0
16	9	6.5	6.0	6.0
15	10	6.5	6.0	6.0
14	11	6.5	6.0	6.0
13	12	6.5	6.0	6.0
12	11	6.5	6.0	6.0
11	14	6.0	5.5	6.0
10	15	6.0	5.5	6.0
9	16	6.0	5.5	6.0
8	17	6.0	5.5	6.0
7	18	6.0	5.5	6.0
6	19	6.0	5.5	6.0
5	20	6.0	5.5	6.0

TABLE CC (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 24 - 22
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT) 24-GA 22-GA		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
		900/C	600/C	TEL-SET
WL = 25				
4	21	6.0	5.5	6.0
3	22	6.0	5.5	6.0
2	23	6.0	5.5	6.0
1	24	6.0	5.5	6.0
WL = 26				
14	12	6.5	6.0	6.5
13	13	6.5	6.0	6.5
12	14	6.5	6.0	6.5
11	15	6.5	6.0	6.0
10	16	6.5	6.0	6.0
9	17	6.5	6.0	6.0
8	18	6.5	6.0	6.0
7	19	6.5	6.0	6.0
6	20	6.0	6.0	6.0
5	21	6.0	5.5	6.0
4	22	6.0	5.5	6.0
3	23	6.0	5.5	6.0
2	24	6.0	5.5	6.0
1	25	6.0	5.5	6.0
WL = 27				
9	18	6.5	6.0	6.5
8	19	6.5	6.0	6.5
7	20	6.5	6.0	6.5

TABLE CC (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 24 - 22
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
24-GA	22-GA	900/C	600/C	TEL-SET
WL = 27				
6	21	6.5	6.0	6.5
5	22	6.5	6.0	6.5
4	23	6.5	6.0	6.5
3	24	6.5	6.0	6.5
2	25	6.5	6.0	6.5
1	26	6.5	6.0	6.5
WL = 28				
4	24	6.5	6.0	6.5
3	25	6.5	6.0	6.5
2	26	6.5	6.0	6.5
1	27	6.5	6.0	6.5
WL = 29				
1	28	6.5	6.0	6.5

TABLE DD

2-WIRE EQUALIZER SETTINGS FOR MIXED 22 - 26
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
22-GA	26-GA	900/C	600/C	TEL-SET
WL = 4				
3	1	0.0	0.0	0.0
2	2	0.0	0.0	0.0
1	3	0.0	0.0	0.0
WL = 5				
4	1	0.0	0.0	0.0
3	2	0.0	0.0	0.0
2	3	0.0	0.0	0.0
1	4	0.0	0.0	0.0
WL = 6				
5	1	0.0	0.0	0.0
4	2	0.0	0.0	0.0
3	3	0.0	0.0	0.0
2	4	0.0	0.0	0.0
1	5	0.0	0.0	0.0
WL = 7				
6	1	0.0	0.0	0.0
5	2	1.0	0.0	0.0
4	3	1.0	0.0	0.0
3	4	1.0	0.0	0.0
2	5	1.0	0.0	0.0
1	6	1.0	0.0	0.0
WL = 8				
7	1	1.0	0.0	0.0
6	2	1.0	0.0	0.0
5	3	1.0	0.0	0.0
4	4	1.0	0.0	0.0

TABLE DD (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 22 - 26
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
22-GA	26-GA	900/C	600/C	TEL-SET
WL = 8				
3	5	1.0	0.0	0.0
2	6	1.0	0.0	0.0
1	7	1.0	0.0	0.0
WL = 9				
8	1	1.0	1.0	1.0
7	2	1.0	1.0	1.0
6	3	1.0	1.0	1.0
5	4	1.0	1.0	1.0
4	5	1.0	1.0	1.0
3	6	2.0	1.0	1.0
2	7	2.0	1.0	1.0
1	8	2.0	1.0	1.0
WL = 10				
9	1	2.0	1.0	1.0
8	2	2.0	1.0	1.0
7	3	2.0	1.0	1.0
6	4	2.0	1.0	1.0
5	5	2.0	1.0	1.0
4	6	2.0	1.0	1.0
3	7	2.0	1.0	1.0
2	8	2.0	1.0	1.0
1	9	2.0	1.0	1.0
WL = 11				
10	1	2.0	1.0	2.0
9	2	2.0	1.0	2.0

TABLE DD (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 22 - 26
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
22-GA	26-GA	900/C	600/C	TEL-SET
WL = 11				
8	3	2.0	1.0	2.0
7	4	2.0	1.0	2.0
6	5	2.0	1.0	2.0
5	6	2.0	2.0	2.0
4	7	2.0	2.0	2.0
3	8	2.0	2.0	2.0
2	9	3.0	2.0	2.0
1	10	3.0	2.0	2.0
WL = 12				
11	1	3.0	2.0	2.0
10	2	3.0	2.0	2.0
9	3	3.0	2.0	2.0
8	4	3.0	2.0	2.0
7	5	3.0	2.0	2.0
6	6	3.0	2.0	2.0
5	7	3.0	2.0	2.0
4	8	3.0	2.0	2.0
3	9	3.0	2.0	2.0
2	10	3.0	2.0	2.0
1	11	3.0	2.0	2.0
WL = 13				
12	1	3.0	2.0	2.0
11	2	3.0	2.0	3.0
10	3	3.0	2.0	3.0

TABLE DD (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 22 - 26
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
22-GA	26-GA	900/C	600/C	TEL-SET
WL = 13				
9	4	3.0	2.0	3.0
8	5	3.0	2.0	3.0
7	6	3.0	2.0	3.0
6	7	3.0	2.0	3.0
5	8	3.0	2.0	3.0
4	9	3.0	2.0	3.0
3	10	3.0	3.0	3.0
2	11	3.0	3.0	3.0
1	12	3.0	3.0	3.0
WL = 14				
13	1	3.0	2.0	3.0
12	2	3.0	2.0	3.0
11	3	3.0	2.0	3.0
10	4	3.0	3.0	3.0
9	5	3.0	3.0	3.0
8	6	4.0	3.0	3.0
7	7	4.0	3.0	3.0
6	8	4.0	3.0	3.0
5	9	4.0	3.0	3.0
4	10	4.0	3.0	3.0
3	11	4.0	3.0	3.0
2	12	4.0	3.0	3.0
1	13	4.0	3.0	3.0

TABLE DD (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 22 - 26
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
22-GA	26-GA	900/C	600/C	TEL-SET
WL = 15				
14	1	4.0	3.0	3.0
13	2	4.0	3.0	3.0
12	3	4.0	3.0	3.0
11	4	4.0	3.0	3.0
10	5	4.0	3.0	3.0
9	6	4.0	3.0	3.0
8	7	4.0	3.0	3.0
7	8	4.0	3.0	3.0
6	9	4.0	3.0	3.0
5	10	4.5	3.0	3.0
4	11	4.5	3.0	3.0
3	12	4.5	3.0	3.0
2	13	4.5	3.0	4.0
1	14	4.5	4.0	4.0
WL = 16				
15	1	4.0	3.0	4.0
14	2	4.0	3.0	4.0
13	3	4.0	3.0	4.0
12	4	4.5	3.0	4.0
11	5	4.5	3.0	4.0
10	6	4.5	3.0	4.0
9	7	4.5	3.0	4.0
8	8	4.5	3.0	4.0

TABLE DD (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 22 - 26
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
22-GA	26-GA	900/C	600/C	TEL-SET
WL = 16				
7	9	4.5	3.0	4.0
6	10	4.5	3.0	4.0
5	11	4.5	4.0	4.0
4	12	4.5	4.0	4.0
3	13	4.5	4.0	4.0
2	14	5.0	4.0	4.0
1	15	5.0	4.0	4.5
WL = 17				
16	1	4.5	3.0	4.0
15	2	4.5	3.0	4.0
14	3	4.5	3.0	4.0
13	4	4.5	3.0	4.5
12	5	4.5	4.0	4.5
11	6	4.5	4.0	4.5
10	7	4.5	4.0	4.5
9	8	5.0	4.0	4.5
8	9	5.0	4.0	4.5
7	10	5.0	4.0	4.5
6	11	5.0	4.0	4.5
5	12	5.0	4.0	4.5
4	13	5.0	4.5	4.5
3	14	5.0	4.5	4.5
2	15	5.0	4.5	4.5

TABLE DD (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 22 - 26
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT) 22-GA 26-GA		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
		900/C	600/C	TEL-SET
WL = 17				
1	16	5.0	4.5	4.5
WL = 18				
17	1	4.5	4.0	4.5
16	2	4.5	4.0	4.5
15	3	4.5	4.0	4.5
14	4	5.0	4.0	4.5
13	5	5.0	4.0	4.5
12	6	5.0	4.0	4.5
11	7	5.0	4.0	4.5
10	8	5.0	4.0	4.5
9	9	5.0	4.5	4.5
8	10	5.0	4.5	5.0
7	11	5.0	4.5	5.0
6	12	5.0	4.5	5.0
5	13	5.5	4.5	5.0
4	14	5.5	4.5	5.0
3	15	5.5	4.5	5.0
2	16	5.5	5.0	5.0
1	17	5.5	5.0	5.0
WL = 19				
18	1	5.0	4.0	4.5
17	2	5.0	4.0	5.0
16	3	5.0	4.0	5.0
15	4	5.0	4.5	5.0

TABLE DD (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 22 - 26
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
22-GA	26-GA	900/C	600/C	TEL-SET
WL = 19				
14	5	5.0	4.5	5.0
13	6	5.0	4.5	5.0
12	7	5.0	4.5	5.0
11	8	5.5	4.5	5.0
10	9	5.5	4.5	5.0
9	10	5.5	4.5	5.0
8	11	5.5	4.5	5.0
7	12	5.5	5.0	5.0
6	13	5.5	5.0	5.0
5	14	5.5	5.0	5.0
4	15	5.5	5.0	5.0
3	16	5.5	5.0	5.5
2	17	6.0	5.0	5.5
1	18	6.0	5.5	5.5
WL = 20				
17	3	5.0	4.5	5.0
16	4	5.5	4.5	5.0
15	5	5.5	4.5	5.0
14	6	5.5	4.5	5.0
13	7	5.5	4.5	5.0
12	8	5.5	4.5	5.5
11	9	5.5	5.0	5.5
10	10	5.5	5.0	5.5

TABLE DD (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 22 - 26
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT) 22-GA 26-GA		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
		900/C	600/C	TEL-SET
WL = 20				
9	11	5.5	5.0	5.5
8	12	5.5	5.0	5.5
7	13	6.0	5.0	5.5
6	14	6.0	5.0	5.5
5	15	6.0	5.0	5.5
4	16	6.0	5.5	5.5
3	17	6.0	5.5	5.5
2	18	6.0	5.5	5.5
1	19	6.0	5.5	5.5
WL = 21				
15	6	5.5	5.0	5.5
14	7	5.5	5.0	5.5
13	8	5.5	5.0	5.5
12	9	6.0	5.0	5.5
11	10	6.0	5.0	5.5
10	11	6.0	5.0	5.5
9	12	6.0	5.0	5.5
8	13	6.0	5.5	5.5
7	14	6.0	5.5	6.0
6	15	6.0	5.5	6.0
5	16	6.0	5.5	6.0
4	17	6.0	5.5	6.0
3	18	6.5	5.5	6.0

TABLE DD (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 22 - 26
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
22-GA	26-GA	900/C	600/C	TEL-SET
WL = 21				
2	19	6.5	6.0	6.0
1	20	6.5	6.0	6.0
WL = 22				
13	9	6.0	5.5	6.0
12	10	6.0	5.5	6.0
11	11	6.0	5.5	6.0
10	12	6.0	5.5	6.0
9	13	6.0	5.5	6.0
8	14	6.5	5.5	6.0
7	15	6.5	5.5	6.0
6	16	6.5	6.0	6.0
5	17	6.5	6.0	6.0
4	18	6.5	6.0	6.0
3	19	6.5	6.0	6.0
2	20	6.5	6.0	6.0
1	21	6.5	6.0	6.0
WL = 23				
11	12	6.5	5.5	6.0
10	13	6.5	6.0	6.0
9	14	6.5	6.0	6.0
8	15	6.5	6.0	6.0
7	16	6.5	6.0	6.5
6	17	6.5	6.0	6.5

TABLE DD (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 22 - 26
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT) 22-GA 26-GA		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
		900 OHMS	600 OHMS	TEL-SET
WL = 23				
5	18	6.5	6.0	6.5
4	19	6.5	6.0	6.5
3	20	6.5	6.0	6.5
2	21	7.0	6.5	6.5
1	22	7.0	6.5	6.5
WL = 24				
8	16	6.5	6.0	6.5
7	17	7.0	6.0	6.5
6	18	7.0	6.5	6.5
5	19	7.0	6.5	6.5
4	20	7.0	6.5	6.5
3	21	7.0	6.5	6.5
2	22	7.0	6.5	6.5
1	23	7.0	6.5	6.5
WL = 25				
6	19	7.0	6.5	7.0
5	20	7.0	6.5	7.0
4	21	7.0	6.5	7.0
3	22	7.0	6.5	7.0
2	23	7.0	7.0	7.0
1	24	7.0	7.0	7.0
WL = 26				
4	22	7.0	7.0	7.0
3	23	7.0	7.0	7.0
2	24	7.0	7.0	7.0
1	25	7.0	7.0	7.0

TABLE EE

2-WIRE EQUALIZER SETTINGS FOR MIXED 26 - 22
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
26-GA	22-GA	900/C	600/C	TEL-SET
WL = 4				
3	1	0.0	0.0	0.0
2	2	0.0	0.0	0.0
1	3	0.0	0.0	0.0
WL = 5				
4	1	0.0	0.0	0.0
3	2	0.0	0.0	0.0
2	3	0.0	0.0	0.0
1	4	0.0	0.0	0.0
WL = 6				
5	1	0.0	0.0	0.0
4	2	0.0	0.0	0.0
3	3	0.0	0.0	0.0
2	4	0.0	0.0	0.0
1	5	0.0	0.0	0.0
WL = 7				
6	1	1.0	0.0	0.0
5	2	1.0	0.0	0.0
4	3	1.0	0.0	0.0
3	4	1.0	0.0	0.0
2	5	1.0	0.0	0.0
1	6	0.0	0.0	0.0
WL = 8				
7	1	1.0	1.0	0.0
6	2	1.0	0.0	0.0
5	3	1.0	0.0	0.0
4	4	1.0	0.0	0.0

TABLE EE (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 26 - 22
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
26-GA	22-GA	900/C	600/C	TEL-SET
WL = 8				
3	5	1.0	0.0	0.0
2	6	1.0	0.0	0.0
1	7	1.0	0.0	0.0
WL = 9				
8	1	2.0	1.0	1.0
7	2	2.0	1.0	1.0
6	3	2.0	1.0	1.0
5	4	1.0	1.0	1.0
4	5	1.0	1.0	1.0
3	6	1.0	1.0	1.0
2	7	1.0	1.0	1.0
1	8	1.0	1.0	1.0
WL = 10				
9	1	2.0	1.0	1.0
8	2	2.0	1.0	1.0
7	3	2.0	1.0	1.0
6	4	2.0	1.0	1.0
5	5	2.0	1.0	1.0
4	6	2.0	1.0	1.0
3	7	2.0	1.0	1.0
2	8	2.0	1.0	1.0
1	9	2.0	1.0	1.0
WL = 11				
10	1	3.0	2.0	2.0
9	2	3.0	2.0	2.0

TABLE EE (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 26 - 22
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
26-GA	22-GA	900/C	600/C	TEL-SET
WL = 11				
8	3	2.0	2.0	2.0
7	4	2.0	2.0	2.0
6	5	2.0	2.0	2.0
5	6	2.0	2.0	2.0
4	7	2.0	2.0	2.0
3	8	2.0	2.0	2.0
2	9	2.0	2.0	2.0
1	10	2.0	1.0	2.0
WL = 12				
11	1	3.0	2.0	2.0
10	2	3.0	2.0	2.0
9	3	3.0	2.0	2.0
8	4	3.0	2.0	2.0
7	5	3.0	2.0	2.0
6	6	3.0	2.0	2.0
5	7	3.0	2.0	2.0
4	8	3.0	2.0	2.0
3	9	3.0	2.0	2.0
2	10	3.0	2.0	2.0
1	11	3.0	2.0	2.0
WL = 13				
12	1	3.0	3.0	3.0
11	2	3.0	3.0	3.0
10	3	3.0	3.0	3.0

TABLE EE (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 26 - 22
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
26-GA	22-GA	900/C	600/C	TEL-SET
WL = 13				
9	4	3.0	3.0	3.0
8	5	3.0	3.0	3.0
7	6	3.0	3.0	3.0
6	7	3.0	2.0	3.0
5	8	3.0	2.0	3.0
4	9	3.0	2.0	3.0
3	10	3.0	2.0	3.0
2	11	3.0	2.0	3.0
1	12	3.0	2.0	2.0
WL = 14				
13	1	4.0	3.0	3.0
12	2	4.0	3.0	3.0
11	3	4.0	3.0	3.0
10	4	4.0	3.0	3.0
9	5	4.0	3.0	3.0
8	6	4.0	3.0	3.0
7	7	4.0	3.0	3.0
6	8	3.0	3.0	3.0
5	9	3.0	3.0	3.0
4	10	3.0	3.0	3.0
3	11	3.0	3.0	3.0
2	12	3.0	3.0	3.0
1	13	3.0	2.0	3.0

TABLE EE (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 26 - 22
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
26-GA	22-GA	900/C	600/C	TEL-SET
WL = 15				
14	1	4.5	4.0	4.0
13	2	4.5	4.0	4.0
12	3	4.5	3.0	3.0
11	4	4.5	3.0	3.0
10	5	4.5	3.0	3.0
9	6	4.0	3.0	3.0
8	7	4.0	3.0	3.0
7	8	4.0	3.0	3.0
6	9	4.0	3.0	3.0
5	10	4.0	3.0	3.0
4	11	4.0	3.0	3.0
3	12	4.0	3.0	3.0
2	13	4.0	3.0	3.0
1	14	4.0	3.0	3.0
WL = 16				
15	1	5.0	4.0	4.5
14	2	5.0	4.0	4.0
13	3	4.5	4.0	4.0
12	4	4.5	4.0	4.0
11	5	4.5	4.0	4.0
10	6	4.5	4.0	4.0
9	7	4.5	4.0	4.0
8	8	4.5	4.0	4.0

TABLE EE (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 26 - 22
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
26-GA	22-GA	900/C	600/C	TEL-SET
WL = 16				
7	9	4.5	4.0	4.0
6	10	4.5	4.0	4.0
5	11	4.5	3.0	4.0
4	12	4.5	3.0	4.0
3	13	4.0	3.0	4.0
2	14	4.0	3.0	4.0
1	15	4.0	3.0	4.0
WL = 17				
16	1	5.0	4.5	4.5
15	2	5.0	4.5	4.5
14	3	5.0	4.5	4.5
13	4	5.0	4.5	4.5
12	5	5.0	4.5	4.5
11	6	5.0	4.5	4.5
10	7	5.0	4.5	4.5
9	8	5.0	4.0	4.5
8	9	4.5	4.0	4.0
7	10	4.5	4.0	4.0
6	11	4.5	4.0	4.0
5	12	4.5	4.0	4.0
4	13	4.5	4.0	4.0
3	14	4.5	4.0	4.0
2	15	4.5	3.0	4.0

TABLE EE (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 26 - 22
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
26-GA	22-GA	900/C	600/C	TEL-SET
WL = 17				
1	16	4.5	3.0	4.0
WL = 18				
17	1	5.5	5.0	5.0
16	2	5.5	5.0	5.0
15	3	5.5	5.0	5.0
14	4	5.5	5.0	5.0
13	5	5.5	4.5	5.0
12	6	5.0	4.5	4.5
11	7	5.0	4.5	4.5
10	8	5.0	4.5	4.5
9	9	5.0	4.5	4.5
8	10	5.0	4.5	4.5
7	11	5.0	4.5	4.5
6	12	5.0	4.5	4.5
5	13	5.0	4.5	4.5
4	14	5.0	4.0	4.5
3	15	4.5	4.0	4.5
2	16	4.5	4.0	4.5
1	17	4.5	4.0	4.5
WL = 19				
18	1	6.0	5.5	5.5
17	2	6.0	5.0	5.5
16	3	5.5	5.0	5.0
15	4	5.5	5.0	5.0

TABLE EE (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 26 - 22
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
26-GA	22-GA	900/C	600/C	TEL-SET
WL = 19				
14	5	5.5	5.0	5.0
13	6	5.5	5.0	5.0
12	7	5.5	5.0	5.0
11	8	5.5	5.0	5.0
10	9	5.5	5.0	5.0
9	10	5.5	5.0	5.0
8	11	5.0	4.5	5.0
7	12	5.0	4.5	5.0
6	13	5.0	4.5	5.0
5	14	5.0	4.5	5.0
4	15	5.0	4.5	4.5
3	16	5.0	4.5	4.5
2	17	5.0	4.5	4.5
1	18	5.0	4.0	4.5
WL = 20				
19	1	6.0	5.5	5.5
18	2	6.0	5.5	5.5
17	3	6.0	5.5	5.5
16	4	6.0	5.5	5.5
15	5	6.0	5.5	5.5
14	6	6.0	5.5	5.5
13	7	6.0	5.5	5.5
12	8	5.5	5.0	5.5

TABLE EE (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 26 - 22
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
26-GA	22-GA	900/C	600/C	TEL-SET
WL = 20				
11	9	5.5	5.0	5.0
10	10	5.5	5.0	5.0
9	11	5.5	5.0	5.0
8	12	5.5	5.0	5.0
7	13	5.5	5.0	5.0
6	14	5.5	5.0	5.0
5	15	5.5	5.0	5.0
4	16	5.0	4.5	5.0
3	17	5.0	4.5	5.0
WL = 21				
20	1	6.5	6.0	6.0
19	2	6.5	6.0	6.0
18	3	6.5	6.0	6.0
17	4	6.0	5.5	6.0
16	5	6.0	5.5	5.5
15	6	6.0	5.5	5.5
14	7	6.0	5.5	5.5
13	8	6.0	5.5	5.5
12	9	6.0	5.5	5.5
11	10	6.0	5.5	5.5
10	11	6.0	5.5	5.5
9	12	5.5	5.5	5.5
8	13	5.5	5.0	5.5

TABLE EE (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 26 - 22
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
26-GA	22-GA	900/C	600/C	TEL-SET
WL = 21				
7	14	5.5	5.0	5.5
6	15	5.5	5.0	5.5
WL = 22				
21	1	6.5	6.0	6.0
20	2	6.5	6.0	6.0
19	3	6.5	6.0	6.0
18	4	6.5	6.0	6.0
17	5	6.5	6.0	6.0
16	6	6.5	6.0	6.0
15	7	6.5	6.0	6.0
14	8	6.0	6.0	6.0
13	9	6.0	5.5	6.0
12	10	6.0	5.5	5.5
11	11	6.0	5.5	5.5
10	12	6.0	5.5	5.5
9	13	6.0	5.5	5.5
WL = 23				
22	1	7.0	6.5	6.5
21	2	7.0	6.5	6.5
20	3	6.5	6.5	6.5
19	4	6.5	6.5	6.5
18	5	6.5	6.0	6.0
17	6	6.5	6.0	6.0

TABLE EE (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 26 - 22
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT) 26-GA 22-GA		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
		900/C	600/C	TEL-SET
WL = 23				
16	7	6.5	6.0	6.0
15	8	6.5	6.0	6.0
14	9	6.5	6.0	6.0
13	10	6.5	6.0	6.0
12	11	6.5	6.0	6.0
WL = 24				
23	1	7.0	6.5	6.5
22	2	7.0	6.5	6.5
21	3	7.0	6.5	6.5
20	4	7.0	6.5	6.5
19	5	7.0	6.5	6.5
18	6	7.0	6.5	6.5
17	7	7.0	6.5	6.5
16	8	6.5	6.5	6.5
WL = 25				
24	1	7.0	7.0	7.0
23	2	7.0	7.0	7.0
22	3	7.0	7.0	7.0
21	4	7.0	6.5	7.0
20	5	7.0	6.5	7.0
19	6	7.0	6.5	6.5
WL = 26				
25	1	7.0	7.0	7.0
24	2	7.0	7.0	7.0
23	3	7.0	7.0	7.0
22	4	7.0	7.0	7.0

TABLE FF

2-WIRE EQUALIZER SETTINGS FOR MIXED 24 - 26
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
24-GA	26-GA	900/C	600/C	TEL-SET
WL = 4				
3	1	0.0	0.0	0.0
2	2	0.0	0.0	0.0
1	3	0.0	0.0	0.0
WL = 5				
4	1	0.0	0.0	0.0
3	2	0.0	0.0	0.0
2	3	0.0	0.0	0.0
1	4	0.0	0.0	0.0
WL = 6				
5	1	0.0	0.0	0.0
4	2	0.0	0.0	0.0
3	3	0.0	0.0	0.0
2	4	0.0	0.0	0.0
1	5	0.0	0.0	0.0
WL = 7				
6	1	1.0	0.0	0.0
5	2	1.0	0.0	0.0
4	3	1.0	0.0	0.0
3	4	1.0	0.0	0.0
2	5	1.0	0.0	0.0
1	6	1.0	0.0	0.0
WL = 8				
7	1	1.0	0.0	0.0
6	2	1.0	0.0	0.0
5	3	1.0	0.0	0.0
4	4	1.0	0.0	0.0

TABLE FF (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 24 - 26
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
24-GA	26-GA	900/C	600/C	TEL-SET
WL = 8				
3	5	1.0	0.0	0.0
2	6	1.0	0.0	0.0
1	7	1.0	1.0	0.0
WL = 9				
8	1	2.0	1.0	1.0
7	2	2.0	1.0	1.0
6	3	2.0	1.0	1.0
5	4	2.0	1.0	1.0
4	5	2.0	1.0	1.0
3	6	2.0	1.0	1.0
2	7	2.0	1.0	1.0
1	8	2.0	1.0	1.0
WL = 10				
9	1	2.0	1.0	1.0
8	2	2.0	1.0	1.0
7	3	2.0	1.0	1.0
6	4	2.0	1.0	1.0
5	5	2.0	1.0	1.0
4	6	2.0	1.0	1.0
3	7	2.0	1.0	1.0
2	8	2.0	1.0	1.0
1	9	2.0	1.0	1.0
WL = 11				
10	1	2.0	2.0	2.0
9	2	2.0	2.0	2.0

TABLE FF (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 24 - 26
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT) 24-GA 26-GA		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
		900/C	600/C	TEL-SET
WL = 11				
8	3	2.0	2.0	2.0
7	4	3.0	2.0	2.0
6	5	3.0	2.0	2.0
5	6	3.0	2.0	2.0
4	7	3.0	2.0	2.0
3	8	3.0	2.0	2.0
2	9	3.0	2.0	2.0
1	10	3.0	2.0	2.0
WL = 12				
11	1	3.0	2.0	2.0
10	2	3.0	2.0	2.0
9	3	3.0	2.0	2.0
8	4	3.0	2.0	2.0
7	5	3.0	2.0	2.0
6	6	3.0	2.0	2.0
5	7	3.0	2.0	2.0
4	8	3.0	2.0	2.0
3	9	3.0	2.0	2.0
2	10	3.0	2.0	2.0
1	11	3.0	2.0	2.0
WL = 13				
12	1	3.0	2.0	3.0
11	2	3.0	2.0	3.0
10	3	3.0	2.0	3.0

TABLE FF (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 24 - 26
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
24-GA	26-GA	900/C	600/C	TEL-SET
WL = 13				
9	4	3.0	3.0	3.0
8	5	3.0	3.0	3.0
7	6	3.0	3.0	3.0
6	7	3.0	3.0	3.0
5	8	3.0	3.0	3.0
4	9	3.0	3.0	3.0
3	10	3.0	3.0	3.0
2	11	3.0	3.0	3.0
1	12	4.0	3.0	3.0
WL = 14				
13	1	4.0	3.0	3.0
12	2	4.0	3.0	3.0
11	3	4.0	3.0	3.0
10	4	4.0	3.0	3.0
9	5	4.0	3.0	3.0
8	6	4.0	3.0	3.0
7	7	4.0	3.0	3.0
6	8	4.0	3.0	3.0
5	9	4.0	3.0	3.0
4	10	4.0	3.0	3.0
3	11	4.0	3.0	3.0
2	12	4.0	3.0	3.0
1	13	4.0	3.0	3.0

TABLE FF (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 24 - 26
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
24-GA	26-GA	900/C	600/C	TEL-SET
WL = 15				
14	1	4.0	3.0	3.0
13	2	4.0	3.0	3.0
12	3	4.0	3.0	4.0
11	4	4.5	3.0	4.0
10	5	4.5	3.0	4.0
9	6	4.5	3.0	4.0
8	7	4.5	3.0	4.0
7	8	4.5	3.0	4.0
6	9	4.5	3.0	4.0
5	10	4.5	3.0	4.0
4	11	4.5	3.0	4.0
3	12	4.5	3.0	4.0
2	13	4.5	4.0	4.0
1	14	4.5	4.0	4.0
WL = 16				
15	1	4.5	4.0	4.0
14	2	4.5	4.0	4.0
13	3	4.5	4.0	4.0
12	4	4.5	4.0	4.0
11	5	4.5	4.0	4.0
10	6	4.5	4.0	4.0
9	7	4.5	4.0	4.0
8	8	4.5	4.0	4.0

TABLE FF (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 24 - 26
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT) 24-GA 26-GA		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
		900/C	600/C	TEL-SET
WL = 16				
7	9	4.5	4.0	4.0
6	10	5.0	4.0	4.0
5	11	5.0	4.0	4.0
4	12	5.0	4.0	4.0
3	13	5.0	4.0	4.5
2	14	5.0	4.0	4.5
1	15	5.0	4.5	4.5
WL = 17				
16	1	5.0	4.0	4.5
15	2	5.0	4.0	4.5
14	3	5.0	4.0	4.5
13	4	5.0	4.0	4.5
12	5	5.0	4.0	4.5
11	6	5.0	4.0	4.5
10	7	5.0	4.0	4.5
9	8	5.0	4.5	4.5
8	9	5.0	4.5	4.5
7	10	5.0	4.5	4.5
6	11	5.0	4.5	4.5
5	12	5.0	4.5	4.5
4	13	5.0	4.5	4.5
3	14	5.0	4.5	4.5
2	15	5.0	4.5	4.5

TABLE FF (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 24 - 26
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
24-GA	26-GA	900/C	600/C	TEL-SET
WL = 17				
1	16	5.0	4.5	4.5
WL = 18				
17	1	5.0	4.5	4.5
16	2	5.0	4.5	5.0
15	3	5.0	4.5	5.0
14	4	5.0	4.5	5.0
13	5	5.0	4.5	5.0
12	6	5.0	4.5	5.0
11	7	5.5	4.5	5.0
10	8	5.5	4.5	5.0
9	9	5.5	4.5	5.0
8	10	5.5	4.5	5.0
7	11	5.5	4.5	5.0
6	12	5.5	4.5	5.0
5	13	5.5	5.0	5.0
4	14	5.5	5.0	5.0
3	15	5.5	5.0	5.0
2	16	5.5	5.0	5.0
1	17	5.5	5.0	5.0
WL = 19				
18	1	5.5	4.5	5.0
17	2	5.5	4.5	5.0
16	3	5.5	5.0	5.0
15	4	5.5	5.0	5.0

TABLE FF (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 24 - 26
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT) 24-GA 26-GA		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
		900/C	600/C	TEL-SET
WL = 19				
14	5	5.5	5.0	5.0
13	6	5.5	5.0	5.0
12	7	5.5	5.0	5.0
11	8	5.5	5.0	5.0
10	9	5.5	5.0	5.0
9	10	5.5	5.0	5.5
8	11	5.5	5.0	5.5
7	12	5.5	5.0	5.5
6	13	5.5	5.0	5.5
5	14	5.5	5.0	5.5
4	15	6.0	5.0	5.5
3	16	6.0	5.0	5.5
2	17	6.0	5.0	5.5
1	18	6.0	5.5	5.5
WL = 20				
19	1	5.5	5.0	5.5
18	2	5.5	5.0	5.5
17	3	5.5	5.0	5.5
16	4	5.5	5.0	5.5
15	5	5.5	5.0	5.5
14	6	5.5	5.0	5.5
13	7	6.0	5.0	5.5
12	8	6.0	5.0	5.5

TABLE FF (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 24 - 26
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
24-GA	26-GA	900/C	600/C	TEL-SET
WL = 20				
11	9	6.0	5.0	5.5
10	10	6.0	5.0	5.5
9	11	6.0	5.5	5.5
8	12	6.0	5.5	5.5
7	13	6.0	5.5	5.5
6	14	6.0	5.5	5.5
5	15	6.0	5.5	5.5
WL = 21				
20	1	6.0	5.0	5.5
19	2	6.0	5.5	5.5
18	3	6.0	5.5	5.5
17	4	6.0	5.5	5.5
16	5	6.0	5.5	5.5
15	6	6.0	5.5	5.5
14	7	6.0	5.5	5.5
13	8	6.0	5.5	6.0
12	9	6.0	5.5	6.0
11	10	6.0	5.5	6.0
WL = 22				
21	1	6.0	5.5	6.0
20	2	6.0	5.5	6.0
19	3	6.0	5.5	6.0
18	4	6.0	5.5	6.0
17	5	6.0	5.5	6.0
WL = 23				
22	1	6.0	5.5	6.0
21	2	6.5	5.5	6.0

TABLE GG

2-WIRE EQUALIZER SETTINGS FOR MIXED 26 - 24
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT) 26-GA 24-GA		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
		900/C	600/C	TEL-SET
WL = 4				
3	1	0.0	0.0	0.0
2	2	0.0	0.0	0.0
1	3	0.0	0.0	0.0
WL = 5				
4	1	0.0	0.0	0.0
3	2	0.0	0.0	0.0
2	3	0.0	0.0	0.0
1	4	0.0	0.0	0.0
WL = 6				
5	1	0.0	0.0	0.0
4	2	0.0	0.0	0.0
3	3	0.0	0.0	0.0
2	4	0.0	0.0	0.0
1	5	0.0	0.0	0.0
WL = 7				
6	1	1.0	0.0	0.0
5	2	1.0	0.0	0.0
4	3	1.0	0.0	0.0
3	4	1.0	0.0	0.0
2	5	1.0	0.0	0.0
1	6	1.0	0.0	0.0
WL = 8				
7	1	1.0	1.0	0.0
6	2	1.0	1.0	0.0
5	3	1.0	1.0	0.0
4	4	1.0	1.0	0.0

TABLE GG (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 26 - 24
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
26-GA	24-GA	900/C	600/C	TEL-SET
WL = 8				
3	5	1.0	1.0	0.0
2	6	1.0	0.0	0.0
1	7	1.0	0.0	0.0
WL = 9				
8	1	2.0	1.0	1.0
7	2	2.0	1.0	1.0
6	3	2.0	1.0	1.0
5	4	2.0	1.0	1.0
4	5	2.0	1.0	1.0
3	6	2.0	1.0	1.0
2	7	2.0	1.0	1.0
1	8	2.0	1.0	1.0
WL = 10				
9	1	2.0	1.0	1.0
8	2	2.0	1.0	1.0
7	3	2.0	1.0	1.0
6	4	2.0	1.0	1.0
5	5	2.0	1.0	1.0
4	6	2.0	1.0	1.0
3	7	2.0	1.0	1.0
2	8	2.0	1.0	1.0
1	9	2.0	1.0	1.0
WL = 11				
10	1	3.0	2.0	2.0
9	2	3.0	2.0	2.0

TABLE GG (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 26 - 24
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT) 26-GA 24-GA		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
		900/C	600/C	TEL-SET
WL = 11				
8	3	3.0	2.0	2.0
7	4	3.0	2.0	2.0
6	5	3.0	2.0	2.0
5	6	3.0	2.0	2.0
4	7	3.0	2.0	2.0
3	8	2.0	2.0	2.0
2	9	2.0	2.0	2.0
1	10	2.0	2.0	2.0
WL = 12				
11	1	3.0	2.0	2.0
10	2	3.0	2.0	2.0
9	3	3.0	2.0	2.0
8	4	3.0	2.0	2.0
7	5	3.0	2.0	2.0
6	6	3.0	2.0	2.0
5	7	3.0	2.0	2.0
4	8	3.0	2.0	2.0
3	9	3.0	2.0	2.0
2	10	3.0	2.0	2.0
1	11	3.0	2.0	2.0
WL = 13				
12	1	4.0	3.0	3.0
11	2	3.0	3.0	3.0
10	3	3.0	3.0	3.0

TABLE GG (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 26 - 24
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT) 26-GA 24-GA		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
		900/C	600/C	TEL-SET
WL = 13				
9	4	3.0	3.0	3.0
8	5	3.0	3.0	3.0
7	6	3.0	3.0	3.0
6	7	3.0	3.0	3.0
5	8	3.0	3.0	3.0
4	9	3.0	3.0	3.0
3	10	3.0	3.0	3.0
2	11	3.0	3.0	3.0
1	12	3.0	2.0	3.0
WL = 14				
13	1	4.0	3.0	3.0
12	2	4.0	3.0	3.0
11	3	4.0	3.0	3.0
10	4	4.0	3.0	3.0
9	5	4.0	3.0	3.0
8	6	4.0	3.0	3.0
7	7	4.0	3.0	3.0
6	8	4.0	3.0	3.0
5	9	4.0	3.0	3.0
4	10	4.0	3.0	3.0
3	11	4.0	3.0	3.0
2	12	4.0	3.0	3.0
1	13	4.0	3.0	3.0

TABLE GG (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 26 - 24
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
26-GA	24-GA	900/C	600/C	TEL-SET
WL = 15				
14	1	4.5	4.0	4.0
13	2	4.5	4.0	4.0
12	3	4.5	4.0	4.0
11	4	4.5	4.0	4.0
10	5	4.5	4.0	4.0
9	6	4.5	4.0	4.0
8	7	4.5	3.0	4.0
7	8	4.5	3.0	4.0
6	9	4.5	3.0	3.0
5	10	4.5	3.0	3.0
4	11	4.5	3.0	3.0
3	12	4.0	3.0	3.0
2	13	4.0	3.0	3.0
1	14	4.0	3.0	3.0
WL = 16				
15	1	5.0	4.5	4.5
14	2	5.0	4.0	4.5
13	3	5.0	4.0	4.0
12	4	5.0	4.0	4.0
11	5	5.0	4.0	4.0
10	6	5.0	4.0	4.0
9	7	4.5	4.0	4.0
8	8	4.5	4.0	4.0

TABLE GG (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 26 - 24
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT) 26-GA. 24-GA		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
		900/C	600/C	TEL-SET
WL = 16				
7	9	4.5	4.0	4.0
6	10	4.5	4.0	4.0
5	11	4.5	4.0	4.0
4	12	4.5	4.0	4.0
3	13	4.5	4.0	4.0
2	14	4.5	4.0	4.0
1	15	4.5	4.0	4.0
WL = 17				
16	1	5.0	4.5	4.5
15	2	5.0	4.5	4.5
14	3	5.0	4.5	4.5
13	4	5.0	4.5	4.5
12	5	5.0	4.5	4.5
11	6	5.0	4.5	4.5
10	7	5.0	4.5	4.5
9	8	5.0	4.5	4.5
8	9	5.0	4.5	4.5
7	10	5.0	4.5	4.5
6	11	5.0	4.5	4.5
5	12	5.0	4.5	4.5
4	13	5.0	4.5	4.5
3	14	5.0	4.0	4.5
2	15	5.0	4.0	4.5

TABLE GG (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 26 - 24
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
26-GA	24-GA	900/C	600/C	TEL-SET
WL = 17				
1	16	5.0	4.0	4.5
WL = 18				
17	1	5.5	5.0	5.0
16	2	5.5	5.0	5.0
15	3	5.5	5.0	5.0
14	4	5.5	5.0	5.0
13	5	5.5	5.0	5.0
12	6	5.5	5.0	5.0
11	7	5.5	5.0	5.0
10	8	5.5	5.0	5.0
9	9	5.5	5.0	5.0
8	10	5.5	4.5	5.0
7	11	5.5	4.5	5.0
6	12	5.0	4.5	5.0
5	13	5.0	4.5	5.0
4	14	5.0	4.5	5.0
3	15	5.0	4.5	5.0
2	16	5.0	4.5	4.5
1	17	5.0	4.5	4.5
WL = 19				
18	1	6.0	5.5	5.5
17	2	6.0	5.5	5.5
16	3	6.0	5.5	5.5
15	4	6.0	5.0	5.5

TABLE GG (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 26 - 24
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT)		ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
26-GA	24-GA	900/C	600/C	TEL-SET
WL = 19				
14	5	5.5	5.0	5.5
13	6	5.5	5.0	5.0
12	7	5.5	5.0	5.0
11	8	5.5	5.0	5.0
10	9	5.5	5.0	5.0
9	10	5.5	5.0	5.0
8	11	5.5	5.0	5.0
7	12	5.5	5.0	5.0
6	13	5.5	5.0	5.0
5	14	5.5	5.0	5.0
4	15	5.5	5.0	5.0
3	16	5.5	5.0	5.0
2	17	5.5	5.0	5.0
1	18	5.5	4.5	5.0
WL = 20				
15	5	6.0	5.5	5.5
14	6	6.0	5.5	5.5
13	7	6.0	5.5	5.5
12	8	6.0	5.5	5.5
11	9	6.0	5.5	5.5
10	10	6.0	5.5	5.5
9	11	6.0	5.5	5.5
8	12	6.0	5.5	5.5
7	13	6.0	5.5	5.5

TABLE GG (Contd)

2-WIRE EQUALIZER SETTINGS FOR MIXED 26 - 24
GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

LENGTH (KFT) 26-GA 24-GA	ST AND SR EQUALIZER SWITCH SETTINGS BY TERMINATION		
	900/C	600/C	TEL-SET
WL = 20			
6 14	5.5	5.0	5.5
5 15	5.5	5.0	5.5
4 16	5.5	5.0	5.5
3 17	5.5	5.0	5.5
2 18	5.5	5.0	5.5
1 19	5.5	5.0	5.5
WL = 21			
9 12	6.0	5.5	5.5
8 13	6.0	5.5	5.5
7 14	6.0	5.5	5.5
6 15	6.0	5.5	5.5
5 16	6.0	5.5	5.5
4 17	6.0	5.5	5.5
3 18	6.0	5.5	5.5
2 19	6.0	5.5	5.5
1 20	6.0	5.0	5.5
WL = 22			
5 17	6.0	5.5	6.0
4 18	6.0	5.5	6.0
3 19	6.0	5.5	6.0
2 20	6.0	5.5	6.0
1 21	6.0	5.5	6.0
WL = 23			
2 21	6.5	6.0	6.0
1 22	6.0	5.5	6.0

TABLE HH
EQUALIZER SETTINGS FOR 19-GAUGE
H88 LOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = L
 END SECTION = 3.0 KFT
 INPUT IMPEDANCE = 1200 OHMS
 CABLE TERMINATION = 1200 OHMS

LENGTH (KFT)	EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
	BW	HT	SL			
18.0	1	3	0	0.0	1.5	318.4
24.0	5	2	0	0.0	2.0	424.5
30.0	5	3	0	0.0	2.4	530.6
36.0	5	4	0	0.0	2.9	636.8
42.0	5	4	0	0.0	3.4	742.9
48.0	5	4	0	0.0	3.9	849.0
54.0	4	5	0	0.0	4.4	955.1
60.0	6	4	0	0.0	4.9	1061.3
66.0	5	5	0	0.0	5.3	1167.4
72.0	6	5	0	0.0	5.8	1273.5
78.0	6	5	0	0.0	6.3	1379.7
84.0	6	5	0	0.0	6.8	1485.8
90.0	5	6	0	0.0	7.3	1591.9
96.0	6	6	0	0.0	7.7	1698.0
102.0	6	6	0	0.0	8.2	1804.2
108.0	6	6	0	0.0	8.7	1910.3
114.0	5	7	0	0.0	9.2	2016.4
120.0	5	7	0	0.0	9.7	2122.5
126.0	5	7	0	0.0	10.1	2228.7
132.0	6	7	0	0.0	10.6	2334.8
138.0	6	7	0	0.0	11.1	2440.9
144.0	6	7	0	0.0	11.6	2547.1
150.0	5	8	0	0.0	12.1	2653.2
156.0	5	8	0	0.0	12.5	2759.3
162.0	5	9	0	0.0	13.0	2865.4
168.0	5	9	0	0.0	13.5	2971.6
174.0	5	9	0	0.0	14.0	3077.7
180.0	5	9	0	0.0	14.5	3183.8
186.0	5	10	0	0.0	14.9	3289.9
192.0	5	10	0	0.0	15.4	3396.1

TABLE II

EQUALIZER SETTINGS FOR 22-GAUGE
H88 LOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = L
END SECTION - 3.0 KFT
INPUT IMPEDANCE = 1200 OHMS
CABLE TERMINATION = 1200 OHMS

LENGTH (KFT)	EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
	BW	HT	SL			
18.0	3	3	0	0.0	2.7	615.0
24.0	6	2	0	0.0	3.6	820.0
30.0	4	4	0	0.0	4.5	1025.0
36.0	3	4	1	1.4	5.3	1229.9
42.0	4	4	1	1.4	6.2	1434.9
48.0	4	4	1	1.4	7.1	1639.9
54.0	3	5	1	1.4	8.1	1844.9
60.0	4	5	1	1.4	9.0	2049.9
66.0	4	5	1	1.4	9.8	2254.9
72.0	3	6	1	1.4	10.7	2459.9
78.0	4	6	1	1.4	11.6	2664.9
84.0	4	6	1	1.4	12.5	2869.9
90.0	3	7	1	1.4	13.4	3074.9
96.0	3	7	1	1.4	14.3	3279.9
102.0	4	7	1	1.4	15.2	3484.9

TABLE JJ

EQUALIZER SETTINGS FOR 24-GAUGE
H88 LOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = L
END SECTION = 3.0 KFT
INPUT IMPEDANCE = 1200 OHMS
CABLE TERMINATION = 1200 OHMS

LENGTH (KFT)	EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
	BW	HT	SL			
18.0	3	4	1	1.4	4.0	959.3
24.0	3	4	1	1.4	5.4	1279.1
30.0	3	4	2	2.6	6.8	1598.8
36.0	3	5	2	2.6	8.2	1918.6
42.0	4	5	2	2.6	9.5	2238.3
48.0	3	6	3	3.7	10.9	2558.1
54.0	3	6	3	3.7	12.3	2877.9
60.0	2	7	4	4.7	13.7	3197.6
66.0	3	7	5	5.6	15.1	3517.4

TABLE KK

EQUALIZER SETTINGS FOR 25-GAUGE
H88 LOADED MAT CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = L
END SECTION = 3.0 KFT
INPUT IMPEDANCE = 1200 OHMS
CABLE TERMINATION = 1200 OHMS

LENGTH (KFT)	EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
	BW	HT	SL			
12.0	15	1	0	0.1	3.0	803.2
18.0	15	1	0	0.1	4.5	1204.8
24.0	15	0	2	2.6	6.0	1606.4
30.0	15	0	3	3.7	7.5	2008.0
36.0	15	0	3	3.7	9.0	2409.6
42.0	15	0	4	4.7	10.5	2811.2
48.0	15	0	5	5.5	12.0	3212.8
54.0	15	0	7	7.2	13.5	3614.4
60.0	15	0	10	9.0	15.0	4016.0

TABLE LL

EQUALIZER SETTINGS FOR 26-GAUGE
H88 LOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = L
END SECTION = 3.0 KFT
INPUT IMPEDANCE = 1200 OHMS
CABLE TERMINATION = 1200 OHMS

LENGTH (KFT)	EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
	BW	HT	SL			
12.0	8	3	1	1.4	3.8	1016.8
18.0	5	4	3	3.7	5.9	1525.2
24.0	5	4	7	7.2	8.1	2033.6
30.0	6	4	15	11.4	10.2	2542.0
36.0	5	5	15	11.4	12.2	3050.4
42.0	6	5	15	11.4	14.3	3558.8
48.0	6	6	15	11.4	16.4	4067.2

TABLE MM

EQUALIZER SETTINGS FOR 19-GAUGE
NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)	EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
	BW	HT	SL			
10.0	14	4	0	0.2	1.5	162.9
11.0	14	3	1	0.6	1.7	179.2
12.0	14	5	0	0.3	1.9	195.5
13.0	14	4	1	0.6	2.1	211.7
14.0	14	6	0	0.4	2.3	228.0
15.0	14	5	1	0.7	2.5	244.3
16.0	13	5	2	1.1	2.7	260.6
17.0	14	5	2	1.2	2.9	276.9
18.0	13	5	3	1.5	3.1	293.2
19.0	14	6	2	1.3	3.4	309.5
20.0	14	6	2	1.3	3.6	325.8
21.0	14	6	3	1.7	3.8	342.0
22.0	14	7	2	1.4	4.1	358.3
23.0	14	6	4	2.2	4.3	374.6
24.0	14	6	4	2.2	4.5	390.9
25.0	14	7	3	1.9	4.8	407.2
26.0	14	6	5	2.7	5.0	423.5
27.0	14	7	4	2.4	5.3	439.8
28.0	14	7	4	2.4	5.5	456.1
29.0	14	7	5	2.8	5.8	472.3
30.0	14	7	5	2.8	6.0	488.6
31.0	14	7	6	3.3	6.3	504.9
32.0	14	7	6	3.3	6.5	521.2
33.0	14	7	6	3.3	6.8	537.5
34.0	14	7	7	3.9	7.0	553.8
35.0	14	7	8	4.2	7.3	570.1
36.0	14	7	8	4.2	7.6	586.4
37.0	14	7	9	4.7	7.8	602.7
38.0	14	7	10	5.1	8.1	618.9
39.0	14	7	11	5.5	8.3	635.2

TABLE MM (Contd)

EQUALIZER SETTINGS FOR 19-GAUGE
NONLOADED CABLE WITHOUT BRIDGED TAP AT 68° F

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)	EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
	BW	HT	SL			
40.0	14	7	11	5.5	8.6	651.5
41.0	14	8	8	4.4	8.8	667.8
42.0	14	8	9	4.9	9.1	684.1
43.0	14	8	9	4.9	9.3	700.4
44.0	14	8	10	5.3	9.6	716.7
45.0	14	8	11	5.7	9.8	733.0
46.0	14	8	12	6.1	10.1	749.2
47.0	14	8	13	6.5	10.3	765.5
48.0	14	8	14	6.9	10.6	781.8
49.0	14	9	12	6.2	10.8	798.1
50.0	14	9	13	6.6	11.1	814.4
51.0	14	9	14	7.0	11.3	830.7
52.0	14	9	15	7.4	11.6	847.0
53.0	14	9	15	7.4	11.8	863.3
54.0	14	10	13	6.8	12.1	879.5
55.0	14	10	14	7.2	12.3	895.8
56.0	14	10	15	7.5	12.6	912.1
57.0	14	10	15	7.5	12.8	928.4
58.0	14	11	14	7.4	13.1	944.7
59.0	14	11	15	7.7	13.3	961.0
60.0	14	11	15	7.7	13.6	977.3
61.0	14	11	15	7.7	13.8	993.6
62.0	14	12	14	7.6	14.0	1009.8
63.0	14	12	15	8.0	14.3	1026.1
64.0	14	12	15	8.0	14.5	1042.4
65.0	14	12	15	8.0	14.8	1058.7
66.0	14	13	15	8.2	15.0	1075.0

TABLE NN
 EQUALIZER SETTINGS FOR 22-GAUGE
 NONLOADED CABLE WITHOUT BRIDGED TAP AT 68 F

NL/L = NL
 INPUT IMPEDANCE = 600 OHMS
 CABLE TERMINATION = 600 OHMS

LENGTH (KFT)	EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
	BW	HT	SL			
8.0	14	3	0	0.1	2.0	262.1
9.0	13	2	1	0.5	2.2	294.9
10.0	14	4	0	0.2	2.5	327.7
11.0	14	5	0	0.3	2.8	360.4
12.0	14	4	1	0.6	3.1	393.2
13.0	14	6	0	0.4	3.4	425.9
14.0	14	5	1	0.7	3.6	458.7
15.0	13	5	2	1.1	3.9	491.5
16.0	14	6	1	0.8	4.2	524.2
17.0	13	5	3	1.5	4.6	557.0
18.0	14	6	2	1.3	4.9	589.8
19.0	13	6	3	1.6	5.2	622.5
20.0	14	7	2	1.4	5.5	655.3
21.0	14	6	4	2.2	5.8	688.1
22.0	14	7	3	1.9	6.1	720.8
23.0	14	6	5	2.7	6.5	753.6
24.0	14	7	4	2.4	6.8	786.4
25.0	14	7	5	2.8	7.1	819.1
26.0	14	7	5	2.8	7.5	851.9
27.0	14	8	4	2.5	7.8	884.7
28.0	14	8	5	3.0	8.2	917.4
29.0	14	8	5	3.0	8.5	950.2
30.0	14	8	6	3.5	8.8	983.0
31.0	14	8	7	4.1	9.2	1015.7
32.0	14	8	8	4.4	9.5	1048.5
33.0	14	8	9	4.9	9.9	1081.3
34.0	14	9	8	4.5	10.2	1114.0
35.0	14	9	9	5.0	10.6	1146.8
36.0	14	9	10	5.4	10.9	1179.5
37.0	14	10	8	4.7	11.3	1212.3
38.0	14	10	9	5.1	11.6	1245.1
39.0	14	10	11	6.0	12.0	1277.8
40.0	14	11	9	5.3	12.3	1310.6
41.0	14	11	10	5.8	12.7	1343.4
42.0	14	11	12	6.6	13.0	1376.1
43.0	14	11	13	7.0	13.4	1408.9
44.0	14	12	11	6.4	13.7	1441.7
45.0	14	12	12	6.8	14.1	1474.4
46.0	14	12	14	7.6	14.4	1507.2
47.0	14	13	11	6.7	14.8	1540.0
48.0	13	13	15	7.7	15.1	1572.7

TABLE 00

EQUALIZER SETTINGS FOR 24-GAUGE
NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)	EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
	BW	HT	SL			
6.0	14	2	0	0.1	2.2	311.4
7.0	13	3	0	0.1	2.5	363.3
8.0	14	3	0	0.1	2.9	415.2
9.0	14	4	0	0.2	3.2	467.0
10.0	14	3	1	0.6	3.6	518.9
11.0	14	4	1	0.6	4.0	570.8
12.0	14	6	0	0.4	4.3	622.7
13.0	14	5	1	0.7	4.7	674.6
14.0	14	6	1	0.8	5.1	726.5
15.0	13	5	3	1.5	5.5	778.4
16.0	14	6	2	1.3	5.9	830.3
17.0	13	6	3	1.6	6.3	882.2
18.0	14	7	2	1.4	6.7	934.1
19.0	14	7	3	1.9	7.1	986.0
20.0	14	8	2	1.6	7.5	1037.9
21.0	14	7	4	2.4	7.9	1089.8
22.0	14	7	5	2.8	8.4	1141.7
23.0	14	8	4	2.5	8.8	1193.6
24.0	14	8	5	3.0	9.2	1245.5
25.0	14	8	5	3.0	9.6	1297.3
26.0	14	9	5	3.1	10.1	1349.2
27.0	14	9	6	3.6	10.5	1401.1
28.0	14	9	7	4.2	11.0	1453.0
29.0	14	9	8	4.5	11.4	1504.9
30.0	14	10	7	4.3	11.8	1556.8
31.0	14	10	9	5.1	12.3	1608.7
32.0	14	10	10	5.6	12.7	1660.6
33.0	14	11	9	5.3	13.2	1712.5
34.0	13	11	13	6.6	13.6	1764.4
35.0	14	12	9	5.6	14.0	1816.3
36.0	13	12	13	6.7	14.5	1868.2
37.0	13	12	15	7.5	14.9	1920.1
38.0	13	13	12	6.5	15.4	1972.0

TABLE PP

EQUALIZER SETTINGS FOR 26-GAUGE
NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)	EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
	BW	HT	SL			
4.0	13	1	0	0.0	2.2	333.3
5.0	15	1	0	0.1	2.7	416.7
6.0	14	2	0	0.1	3.2	500.0
7.0	13	3	0	0.1	3.7	583.3
8.0	13	2	1	0.5	4.2	666.7
9.0	13	3	1	0.5	4.7	750.0
10.0	14	5	0	0.3	5.1	833.3
11.0	14	6	0	0.4	5.6	916.7
12.0	14	5	1	0.7	6.1	1000.0
13.0	14	6	1	0.8	6.6	1083.3
14.0	13	6	2	1.1	7.1	1166.7
15.0	13	6	3	1.6	7.6	1250.0
16.0	14	7	2	1.4	8.1	1333.3
17.0	14	7	3	1.9	8.6	1416.7
18.0	14	8	2	1.6	9.1	1500.0
19.0	14	8	3	2.1	9.7	1583.3
20.0	14	8	4	2.5	10.2	1666.7
21.0	14	8	5	3.0	10.7	1750.0
22.0	14	8	6	3.5	11.3	1833.3
23.0	14	9	6	3.6	11.8	1916.7
24.0	14	9	7	4.2	12.4	2000.0
25.0	14	11	5	3.5	12.9	2083.3
26.0	14	11	6	4.0	13.5	2166.7
27.0	13	11	9	4.9	14.0	2250.0
28.0	13	11	11	5.8	14.6	2333.3
29.0	13	12	10	5.5	15.1	2416.7

TABLE QQ

EQUALIZER SETTINGS FOR MIXED 24- AND
22-GAUGE H88 LOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = L
END SECTION = 3.0 KFT
INPUT IMPEDANCE = 1200 OHMS
CABLE TERMINATION = 1200 OHMS

LENGTH (KFT) 24-GA 22-GA	EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
	BW	HT	SL			
WL= 18.0						
6.0 12.0	4	3	0	0.0	3.1	729.7
12.0 6.0	4	3	1	1.4	3.6	844.5
WL= 24.0						
6.0 18.0	5	3	0	0.0	4.1	934.7
12.0 12.0	4	3	1	1.4	4.5	1049.5
18.0 6.0	5	3	1	1.4	5.0	1164.3
WL= 30.0						
6.0 24.0	2	4	1	1.4	4.9	1139.7
12.0 18.0	3	4	1	1.4	5.4	1254.5
18.0 12.0	3	4	1	1.4	5.9	1369.3
24.0 6.0	3	4	2	2.6	6.4	1484.0
WL= 36.0						
6.0 30.0	4	4	1	1.4	5.8	1344.7
12.0 24.0	5	4	1	1.4	6.2	1459.5
18.0 18.0	3	5	1	1.4	6.7	1574.3
24.0 12.0	1	5	2	2.6	7.3	1689.0
30.0 6.0	3	5	2	2.6	7.7	1803.8
WL= 42.0						
6.0 36.0	5	4	1	1.4	6.7	1549.7
12.0 30.0	5	4	1	1.4	7.1	1664.5
18.0 24.0	4	5	1	1.4	7.6	1779.3
24.0 18.0	3	5	2	2.6	8.1	1894.0
30.0 12.0	3	5	2	2.6	8.6	2008.8
36.0 6.0	4	5	2	2.6	9.1	2123.6
WL= 48.0						
6.0 42.0	5	4	1	1.4	7.6	1754.7
12.0 36.0	4	5	1	1.4	8.0	1869.5
18.0 30.0	4	5	1	1.4	8.5	1984.2
24.0 24.0	4	5	2	2.6	9.0	2099.0
30.0 18.0	3	5	2	2.6	9.5	2213.8
36.0 12.0	3	5	2	2.6	10.0	2328.6
42.0 6.0	2	6	3	3.7	10.5	2443.3
WL= 54.0						
6.0 48.0	4	5	1	1.4	8.5	1959.7
12.0 42.0	4	5	1	1.4	9.0	2074.5
18.0 36.0	5	5	1	1.4	9.4	2189.2
24.0 30.0	4	5	2	2.6	9.9	2304.0
30.0 24.0	2	6	2	2.6	10.4	2418.8
36.0 18.0	3	6	2	2.6	10.9	2533.6
42.0 12.0	2	6	3	3.7	11.4	2648.3
48.0 6.0	3	6	3	3.7	11.9	2763.1
WL= 60.0						

TABLE QQ (Contd)

**EQUALIZER SETTINGS FOR MIXED 24- AND
22-GAUGE H88 LOADED CABLE WITHOUT BRIDGED TAP AT 68°F**

NL/L = L
END SECTION = 3.0 KFT
INPUT IMPEDANCE = 1200 OHMS
CABLE TERMINATION = 1200 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
24-GA	22-GA	BW	HT	SL			
WL = 60.0							
6.0	54.0	4	5	1	1.4	9.4	2164.7
12.0	48.0	5	5	1	1.4	9.9	2279.5
18.0	42.0	3	6	1	1.4	10.3	2394.2
24.0	36.0	3	6	2	2.6	10.8	2509.0
30.0	30.0	3	6	2	2.6	11.3	2623.8
36.0	24.0	3	6	2	2.6	11.8	2738.5
42.0	18.0	3	6	3	3.7	12.3	2853.3
48.0	12.0	3	6	3	3.7	12.8	2968.1
54.0	6.0	2	7	4	4.7	13.2	3082.9
WL = 66.0							
6.0	60.0	5	5	1	1.4	10.3	2369.7
12.0	54.0	4	6	1	1.4	10.7	2484.4
18.0	48.0	4	6	1	1.4	11.2	2599.2
24.0	42.0	3	6	2	2.6	11.7	2714.0
30.0	36.0	4	6	2	2.6	12.2	2828.8
36.0	30.0	4	6	2	2.6	12.7	2943.5
42.0	24.0	2	7	3	3.7	13.2	3058.3
48.0	18.0	2	7	3	3.7	13.7	3173.1
54.0	12.0	2	7	4	4.7	14.2	3287.9
60.0	6.0	3	7	4	4.7	14.6	3402.6
WL = 72.0							
6.0	66.0	4	6	1	1.4	11.2	2574.7
12.0	60.0	4	6	1	1.4	11.6	2689.4
18.0	54.0	4	6	2	2.6	12.1	2804.2
24.0	48.0	4	6	2	2.6	12.6	2919.0
30.0	42.0	4	6	2	2.6	13.1	3033.8
36.0	36.0	3	7	2	2.6	13.6	3148.5
42.0	30.0	3	7	3	3.7	14.0	3263.3
48.0	24.0	3	7	3	3.7	14.5	3378.1
54.0	18.0	2	7	4	4.7	15.0	3492.8
60.0	12.0	2	7	5	5.5	15.5	3607.6
WL = 78.0							
6.0	72.0	4	6	1	1.4	12.1	2779.7
12.0	66.0	5	6	1	1.4	12.5	2894.4
18.0	60.0	4	6	2	2.6	13.0	3009.2
24.0	54.0	3	7	2	2.6	13.5	3124.0
30.0	48.0	3	7	2	2.6	14.0	3238.7
36.0	42.0	3	7	3	3.7	14.5	3353.5
42.0	36.0	3	7	3	3.7	15.0	3468.3
48.0	30.0	3	7	3	3.7	15.4	3583.1
WL = 84.0							
6.0	78.0	4	6	1	1.4	13.0	2984.6
12.0	72.0	5	6	1	1.4	13.4	3099.4
18.0	66.0	3	7	2	2.6	13.9	3214.2
24.0	60.0	3	7	2	2.6	14.4	3329.0

TABLE QQ (Contd)

EQUALIZER SETTINGS FOR MIXED 24- AND
22-GAUGE H88 LOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = L
END SECTION = 3.0 KFT
INPUT IMPEDANCE = 1200 OHMS
CABLE TERMINATION = 1200 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
24-GA	22-GA	BW	HT	SL			
WL= 84.0							
30.0	54.0	3	7	2	2.6	14.9	3443.7
36.0	48.0	3	7	3	3.7	15.4	3558.5
42.0	42.0	3	7	3	3.7	15.9	3673.3
WL= 90.0							
6.0	84.0	3	7	1	1.4	13.9	3189.6
12.0	78.0	3	7	2	2.6	14.3	3304.4
18.0	72.0	3	7	2	2.6	14.8	3419.2
24.0	66.0	3	7	2	2.6	15.3	3534.0
30.0	60.0	3	7	3	3.7	15.8	3648.7
WL= 96.0							
6.0	90.0	4	7	1	1.4	14.8	3394.6
12.0	84.0	4	7	2	2.6	15.2	3509.4
18.0	78.0	4	7	2	2.6	15.7	3624.2
WL= 102.0							
6.0	96.0	3	7	2	2.6	15.7	3599.6

TABLE RR

**EQUALIZER SETTINGS FOR MIXED 26- AND
22-GAUGE H88 LOADED CABLE WITHOUT BRIDGED TAP AT 68°F**

NL/L = L
END SECTION = 3.0 KFT
INPUT IMPEDANCE = 1200 OHMS
CABLE TERMINATION = 1200 OHMS

LENGTH (KFT) 26-GA 22-GA	EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
	BW	HT	SL			
WL= 18.0						
6.0 12.0	2	3	1	1.4	3.8	918.4
12.0 6.0	6	3	2	2.6	4.8	1221.8
WL= 24.0						
6.0 18.0	4	2	1	1.4	4.8	1123.4
12.0 12.0	5	3	2	2.6	5.8	1426.8
18.0 6.0	5	4	5	5.5	6.9	1730.2
WL= 30.0						
6.0 24.0	4	3	1	1.4	5.6	1328.4
12.0 18.0	5	4	2	2.6	6.7	1631.8
18.0 12.0	4	4	4	4.7	7.9	1935.2
24.0 6.0	4	5	9	8.4	9.0	2238.6
WL= 36.0						
6.0 30.0	4	4	1	1.4	6.4	1533.4
12.0 24.0	6	4	1	1.4	7.5	1836.8
18.0 18.0	4	5	3	3.7	8.8	2140.2
24.0 12.0	3	5	7	7.2	10.0	2443.6
30.0 6.0	5	5	15	11.4	11.1	2747.0
WL= 42.0						
6.0 36.0	5	4	1	1.4	7.3	1738.3
12.0 30.0	7	4	1	1.4	8.4	2041.8
18.0 24.0	5	5	3	3.7	9.6	2345.2
24.0 18.0	4	5	6	6.3	10.9	2648.6
30.0 12.0	4	5	15	11.4	12.1	2952.0
36.0 6.0	6	5	15	11.4	13.2	3255.4
WL= 48.0						
6.0 42.0	5	4	1	1.4	8.2	1943.3
12.0 36.0	7	4	1	1.4	9.3	2246.7
18.0 30.0	6	5	2	2.6	10.5	2550.2
24.0 24.0	5	5	5	5.6	11.7	2853.6
30.0 18.0	5	5	11	9.5	13.0	3157.0
36.0 12.0	4	6	15	11.4	14.2	3460.4
WL= 54.0						
6.0 48.0	4	5	1	1.4	9.2	2148.3
12.0 42.0	5	5	2	2.6	10.3	2451.7
18.0 36.0	6	5	3	3.7	11.4	2755.1
24.0 30.0	4	6	6	6.3	12.6	3058.6
30.0 24.0	4	6	11	9.5	13.8	3362.0
36.0 18.0	4	6	15	11.4	15.1	3665.4
WL= 60.0						
6.0 54.0	4	5	1	1.4	10.1	2353.3
12.0 48.0	5	5	2	2.6	11.2	2656.7
18.0 42.0	4	6	4	4.7	12.3	2960.1

TABLE RR (Contd)

**EQUALIZER SETTINGS FOR MIXED 26- AND
22-GAUGE H88 LOADED CABLE WITHOUT BRIDGED TAP AT 68°F**

NL/L = L
END SECTION = 3.0 KFT
INPUT IMPEDANCE = 1200 OHMS
CABLE TERMINATION = 1200 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
26-GA	22-GA	BW	HT	SL			
WL= 60.0							
24.0	36.0	4	6	7	7.2	13.5	3263.5
30.0	30.0	5	6	9	8.4	14.7	3567.0
WL= 66.0							
6.0	60.0	5	5	1	1.4	10.9	2558.3
12.0	54.0	6	5	2	2.6	12.0	2861.7
18.0	48.0	5	6	3	3.7	13.2	3165.1
24.0	42.0	5	6	6	6.4	14.4	3468.5
30.0	36.0	5	6	12	10.0	15.6	3771.9
WL= 72.0							
6.0	66.0	4	6	1	1.4	11.8	2763.3
12.0	60.0	5	6	2	2.6	12.9	3066.7
18.0	54.0	5	6	4	4.7	14.1	3370.1
24.0	48.0	5	6	7	7.2	15.3	3673.5
WL= 78.0							
6.0	72.0	4	6	1	1.4	12.7	2968.3
12.0	66.0	5	6	2	2.6	13.8	3271.7
18.0	60.0	5	6	5	5.6	15.0	3575.1
WL= 84.0							
6.0	78.0	5	6	1	1.4	13.6	3173.3
12.0	72.0	5	6	3	3.7	14.7	3476.7
18.0	66.0	4	7	5	5.6	15.9	3780.1
WL= 90.0							
6.0	84.0	5	6	1	1.4	14.5	3378.3
12.0	78.0	4	7	3	3.7	15.6	3681.7
WL= 96.0							
6.0	90.0	3	7	2	2.6	15.4	3583.3

TABLE SS
 EQUALIZER SETTINGS FOR MIXED 26- AND
 24-GAUGE H88 LOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = L
 END SECTION = 3.0 KFT
 INPUT IMPEDANCE = 1200 OHMS
 CABLE TERMINATION = 1200 OHMS

LENGTH (KFT) 26-GA 24-GA	EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
	BW	HT	SL			
WL= 12.0 6.0 6.0	7	3	1	1.4	3.2	828.2
WL= 18.0 6.0 12.0 12.0 6.0	4 6	3 3	2 3	2.6 3.7	4.7 5.3	1147.9 1336.6
WL= 24.0 6.0 18.0 12.0 12.0 18.0 6.0	4 4 5	3 4 4	2 3 6	2.6 3.7 6.3	6.1 6.8 7.4	1467.7 1656.3 1845.0
WL= 30.0 6.0 24.0 12.0 18.0 18.0 12.0 24.0 6.0	4 5 3 4	4 4 5 5	2 3 6 13	2.6 3.7 6.3 10.5	7.5 8.2 8.8 9.5	1787.5 1976.1 2164.7 2353.4
WL= 36.0 6.0 30.0 12.0 24.0 18.0 18.0 24.0 12.0 30.0 6.0	4 5 4 4 5	5 5 5 5 5	2 3 6 13 15	2.6 3.7 6.3 10.5 11.4	8.8 9.5 10.2 10.9 11.6	2107.2 2295.9 2484.5 2673.1 2861.8
WL= 42.0 6.0 36.0 12.0 30.0 18.0 24.0 24.0 18.0 30.0 12.0 36.0 6.0	4 5 5 5 4 6	5 5 5 5 6 5	3 4 6 11 15 15	3.7 4.7 6.3 9.5 11.4 11.4	10.2 10.8 11.5 12.3 13.0 13.6	2427.0 2615.6 2804.3 2992.9 3181.5 3370.2
WL= 48.0 6.0 42.0 12.0 36.0 18.0 30.0 24.0 24.0 30.0 18.0 36.0 12.0	3 4 4 4 4 5	6 6 6 6 6 6	3 5 8 15 15 15	3.7 5.6 7.8 11.4 11.4 11.4	11.6 12.2 12.9 13.6 14.4 15.1	2746.7 2935.4 3124.0 3312.7 3501.3 3689.9
WL= 54.0 6.0 48.0 12.0 42.0 18.0 36.0 24.0 30.0 30.0 24.0	3 4 5 5 5	6 6 6 6 6	4 6 7 15 15	4.7 6.3 7.2 11.4 11.4	13.0 13.6 14.3 15.0 15.8	3066.5 3255.1 3443.8 3632.4 3821.1
WL= 60.0 6.0 54.0	3	7	4	4.7	14.4	3386.3

TABLE SS (Contd)

EQUALIZER SETTINGS FOR MIXED 26- AND
24-GAUGE H88 LOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = L
END SECTION = 3.0 KFT
INPUT IMPEDANCE = 1200 OHMS
CABLE TERMINATION = 1200 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
26-GA	24-GA	BW	HT	SL			
WL= 60.0							
12.0	48.0	3	7	7	7.2	15.0	3574.9
18.0	42.0	3	7	15	11.4	15.7	3763.5
WL= 66.0							
6.0	60.0	3	7	5	5.6	15.7	3706.0

TABLE TT

EQUALIZER SETTINGS FOR MIXED 24- AND
22- GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = NL

INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
24-GA	22-GA	BW	HT	SL			
WL= 9.0							
7.0	2.0	14	4	0	0.2	3.0	428.8
8.0	1.0	14	4	0	0.2	3.1	447.9
WL= 10.0							
5.0	5.0	13	3	1	0.5	3.1	423.3
6.0	4.0	13	3	1	0.5	3.2	442.4
7.0	3.0	13	3	1	0.5	3.3	461.6
8.0	2.0	13	3	1	0.5	3.4	480.7
9.0	1.0	14	3	1	0.6	3.5	499.8
WL= 11.0							
2.0	9.0	14	5	0	0.3	3.0	398.7
3.0	8.0	14	5	0	0.3	3.1	417.8
4.0	7.0	14	5	0	0.3	3.2	436.9
5.0	6.0	14	5	0	0.3	3.3	456.1
6.0	5.0	14	5	0	0.3	3.4	475.2
7.0	4.0	14	5	0	0.3	3.5	494.3
8.0	3.0	14	5	0	0.3	3.7	513.4
9.0	2.0	13	4	1	0.5	3.8	532.6
10.0	1.0	13	4	1	0.5	3.9	551.7
WL= 12.0							
1.0	11.0	14	4	1	0.6	3.2	412.3
2.0	10.0	14	4	1	0.6	3.3	431.4
3.0	9.0	14	4	1	0.6	3.4	450.6
4.0	8.0	14	4	1	0.6	3.5	469.7
5.0	7.0	14	4	1	0.6	3.6	488.8
6.0	6.0	14	4	1	0.6	3.7	508.0
7.0	5.0	14	4	1	0.6	3.8	527.1
8.0	4.0	14	4	1	0.6	3.9	546.2
9.0	3.0	14	4	1	0.6	4.0	565.3
10.0	2.0	14	6	0	0.4	4.1	584.5
11.0	1.0	14	6	0	0.4	4.2	603.6
WL= 13.0							
1.0	12.0	14	6	0	0.4	3.5	445.1
2.0	11.0	14	6	0	0.4	3.6	464.2
3.0	10.0	14	6	0	0.4	3.7	483.3
4.0	9.0	14	5	1	0.7	3.8	502.5
5.0	8.0	14	5	1	0.7	3.9	521.6
6.0	7.0	14	5	1	0.7	4.0	540.7
7.0	6.0	14	5	1	0.7	4.1	559.8
8.0	5.0	14	5	1	0.7	4.2	579.0
9.0	4.0	14	5	1	0.7	4.3	598.1
10.0	3.0	14	5	1	0.7	4.4	617.2
11.0	2.0	14	5	1	0.7	4.5	636.4
12.0	1.0	14	5	1	0.7	4.6	655.5
WL= 14.0							
1.0	13.0	14	5	1	0.7	3.8	477.8

TABLE TT (Contd)

EQUALIZER SETTINGS FOR MIXED 24- AND
22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°FNL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT) 24-GA 22-GA	EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
	BW	HT	SL			
WL= 14.0						
2.0 12.0	14	5	1	0.7	3.9	497.0
3.0 11.0	14	4	2	1.1	4.0	516.1
4.0 10.0	14	4	2	1.1	4.1	535.2
5.0 9.0	14	4	2	1.1	4.2	554.4
6.0 8.0	14	4	2	1.1	4.3	573.5
7.0 7.0	14	4	2	1.1	4.4	592.6
8.0 6.0	12	5	2	1.0	4.5	611.7
9.0 5.0	13	5	2	1.1	4.6	630.9
10.0 4.0	13	5	2	1.1	4.7	650.0
11.0 3.0	13	5	2	1.1	4.8	669.1
12.0 2.0	13	5	2	1.1	4.9	688.3
13.0 1.0	14	7	0	0.5	5.0	707.4
WL= 15.0						
1.0 14.0	13	5	2	1.1	4.1	510.6
2.0 13.0	14	6	1	0.8	4.2	529.7
3.0 12.0	14	6	1	0.8	4.3	548.9
4.0 11.0	14	6	1	0.8	4.4	568.0
5.0 10.0	14	6	1	0.8	4.5	587.1
6.0 9.0	14	6	1	0.8	4.6	606.3
7.0 8.0	14	6	1	0.8	4.7	625.4
8.0 7.0	14	6	1	0.8	4.8	644.5
9.0 6.0	14	6	1	0.8	4.9	663.6
10.0 5.0	14	6	1	0.8	5.0	682.8
11.0 4.0	14	6	1	0.8	5.1	701.9
12.0 3.0	14	5	2	1.2	5.2	721.0
13.0 2.0	14	5	2	1.2	5.3	740.2
14.0 1.0	14	5	2	1.2	5.4	759.3
WL= 16.0						
1.0 15.0	14	5	2	1.2	4.4	543.4
2.0 14.0	14	5	2	1.2	4.5	562.5
3.0 13.0	14	5	2	1.2	4.6	581.6
4.0 12.0	13	5	3	1.5	4.7	600.8
5.0 11.0	13	5	3	1.5	4.8	619.9
6.0 10.0	13	5	3	1.5	4.9	639.0
7.0 9.0	13	5	3	1.5	5.0	658.1
8.0 8.0	13	5	3	1.5	5.1	677.3
9.0 7.0	13	5	3	1.5	5.2	696.4
10.0 6.0	13	5	3	1.5	5.3	715.5
11.0 5.0	13	6	2	1.1	5.4	734.7
12.0 4.0	13	6	2	1.1	5.5	753.8
13.0 3.0	14	6	2	1.3	5.6	772.9
14.0 2.0	14	6	2	1.3	5.7	792.0
15.0 1.0	14	6	2	1.3	5.8	811.2
WL= 17.0						
1.0 16.0	13	5	3	1.5	4.7	576.1
2.0 15.0	14	6	2	1.3	4.8	595.3
3.0 14.0	14	6	2	1.3	4.9	614.4

TABLE TT (Contd)

EQUALIZER SETTINGS FOR MIXED 24- AND
22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
24-GA	22-GA	BW	HT	SL			
WL= 17.0							
4.0	13.0	14	6	2	1.3	5.0	633.5
5.0	12.0	14	6	2	1.3	5.1	652.7
6.0	11.0	14	6	2	1.3	5.2	671.8
7.0	10.0	14	6	2	1.3	5.3	690.9
8.0	9.0	14	6	2	1.3	5.4	710.0
9.0	8.0	14	6	2	1.3	5.5	729.2
10.0	7.0	14	6	2	1.3	5.6	748.3
11.0	6.0	14	6	2	1.3	5.7	767.4
12.0	5.0	14	6	2	1.3	5.8	786.6
13.0	4.0	14	6	2	1.3	5.9	805.7
14.0	3.0	14	6	2	1.3	6.0	824.8
15.0	2.0	13	6	3	1.6	6.1	843.9
16.0	1.0	13	6	3	1.6	6.2	863.1
WL= 18.0							
1.0	17.0	14	6	2	1.3	5.0	608.9
2.0	16.0	14	6	2	1.3	5.1	628.0
3.0	15.0	13	5	4	2.0	5.2	647.2
4.0	14.0	13	5	4	2.0	5.3	666.3
5.0	13.0	13	6	3	1.6	5.4	685.4
6.0	12.0	13	6	3	1.6	5.5	704.5
7.0	11.0	13	6	3	1.6	5.6	723.7
8.0	10.0	13	6	3	1.6	5.7	742.8
9.0	9.0	13	6	3	1.6	5.8	761.9
10.0	8.0	14	6	3	1.7	5.9	781.1
11.0	7.0	14	6	3	1.7	6.0	800.2
12.0	6.0	14	6	3	1.7	6.1	819.3
13.0	5.0	14	6	3	1.7	6.2	838.4
14.0	4.0	14	6	3	1.7	6.3	857.6
15.0	3.0	14	7	2	1.4	6.4	876.7
16.0	2.0	14	7	2	1.4	6.5	895.8
17.0	1.0	14	7	2	1.4	6.6	915.0
WL= 19.0							
1.0	18.0	14	6	3	1.7	5.3	641.7
2.0	17.0	14	6	3	1.7	5.4	660.8
3.0	16.0	14	6	3	1.7	5.5	679.9
4.0	15.0	14	6	3	1.7	5.6	699.1
5.0	14.0	14	7	2	1.4	5.7	718.2
6.0	13.0	14	7	2	1.4	5.8	737.3
7.0	12.0	14	7	2	1.4	5.9	756.4
8.0	11.0	14	7	2	1.4	6.0	775.6
9.0	10.0	14	7	2	1.4	6.1	794.7
10.0	9.0	14	7	2	1.4	6.2	813.8
11.0	8.0	14	7	2	1.4	6.3	833.0
12.0	7.0	14	7	2	1.4	6.4	852.1
13.0	6.0	14	7	2	1.4	6.5	871.2
14.0	5.0	13	6	4	2.1	6.6	890.3
15.0	4.0	13	6	4	2.1	6.7	909.5
16.0	3.0	14	6	4	2.2	6.8	928.6

TABLE TT (Contd)

EQUALIZER SETTINGS FOR MIXED 24- AND
22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
24-GA	22-GA	BW	HT	SL			
WL= 19.0							
17.0	2.0	14	6	4	2.2	6.9	947.7
18.0	1.0	14	6	4	2.2	7.0	966.9
WL= 20.0							
1.0	19.0	14	7	2	1.4	5.6	674.4
2.0	18.0	14	7	2	1.4	5.7	693.6
3.0	17.0	14	7	2	1.4	5.9	712.7
4.0	16.0	13	6	4	2.1	6.0	731.8
5.0	15.0	13	6	4	2.1	6.1	750.9
6.0	14.0	14	6	4	2.2	6.2	770.1
7.0	13.0	14	6	4	2.2	6.3	789.2
8.0	12.0	14	6	4	2.2	6.4	808.3
9.0	11.0	14	6	4	2.2	6.4	827.5
10.0	10.0	14	6	4	2.2	6.5	846.6
11.0	9.0	14	6	4	2.2	6.6	865.7
12.0	8.0	14	7	3	1.9	6.7	884.8
13.0	7.0	14	7	3	1.9	6.8	904.0
14.0	6.0	14	7	3	1.9	6.9	923.1
15.0	5.0	14	7	3	1.9	7.0	942.2
16.0	4.0	14	7	3	1.9	7.1	961.4
17.0	3.0	14	7	3	1.9	7.2	980.5
18.0	2.0	14	7	3	1.9	7.3	999.6
19.0	1.0	14	8	2	1.6	7.4	1018.7
WL= 21.0							
1.0	20.0	14	6	4	2.2	5.9	707.2
2.0	19.0	14	6	4	2.2	6.1	726.3
3.0	18.0	14	6	4	2.2	6.2	745.5
4.0	17.0	14	7	3	1.9	6.3	764.6
5.0	16.0	14	7	3	1.9	6.4	783.7
6.0	15.0	14	7	3	1.9	6.5	802.8
7.0	14.0	14	7	3	1.9	6.6	822.0
8.0	13.0	14	7	3	1.9	6.7	841.1
9.0	12.0	14	7	3	1.9	6.8	860.2
10.0	11.0	14	7	3	1.9	6.9	879.4
11.0	10.0	14	7	3	1.9	6.9	898.5
12.0	9.0	14	8	2	1.6	7.0	917.6
13.0	8.0	14	8	2	1.6	7.1	936.7
14.0	7.0	14	8	2	1.6	7.2	955.9
15.0	6.0	14	8	2	1.6	7.3	975.0
16.0	5.0	14	8	2	1.6	7.4	994.1
17.0	4.0	14	7	4	2.4	7.5	1013.3
18.0	3.0	14	7	4	2.4	7.6	1032.4
19.0	2.0	14	7	4	2.4	7.7	1051.5
20.0	1.0	14	7	4	2.4	7.8	1070.6
WL= 22.0							
1.0	21.0	14	7	3	1.9	6.3	740.0
2.0	20.0	14	7	3	1.9	6.4	759.1
3.0	19.0	14	7	3	1.9	6.5	778.2

TABLE TT (Contd)

**EQUALIZER SETTINGS FOR MIXED 24- AND
22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F**

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
24-GA	22-GA	BW	HT	SL			
WL= 22.0							
4.0	18.0	14	7	3	1.9	6.6	797.3
5.0	17.0	14	6	5	2.7	6.7	816.5
6.0	16.0	14	6	5	2.7	6.8	835.6
7.0	15.0	14	6	5	2.7	6.9	854.7
8.0	14.0	14	7	4	2.4	7.0	873.9
9.0	13.0	14	7	4	2.4	7.1	893.0
10.0	12.0	14	7	4	2.4	7.2	912.1
11.0	11.0	14	7	4	2.4	7.3	931.3
12.0	10.0	14	7	4	2.4	7.4	950.4
13.0	9.0	14	7	4	2.4	7.5	969.5
14.0	8.0	14	7	4	2.4	7.5	988.6
15.0	7.0	14	7	4	2.4	7.6	1007.8
16.0	6.0	14	7	4	2.4	7.7	1026.9
17.0	5.0	14	8	3	2.1	7.8	1046.0
18.0	4.0	14	8	3	2.1	7.9	1065.2
19.0	3.0	14	8	3	2.1	8.0	1084.3
20.0	2.0	14	8	3	2.1	8.1	1103.4
21.0	1.0	14	8	3	2.1	8.2	1122.5
WL= 23.0							
1.0	22.0	14	7	4	2.4	6.6	772.7
2.0	21.0	14	7	4	2.4	6.7	791.9
3.0	20.0	14	7	4	2.4	6.8	811.0
4.0	19.0	14	7	4	2.4	7.0	830.1
5.0	18.0	14	7	4	2.4	7.1	849.2
6.0	17.0	14	7	4	2.4	7.2	868.4
7.0	16.0	14	7	4	2.4	7.3	887.5
8.0	15.0	14	7	4	2.4	7.3	906.6
9.0	14.0	14	7	4	2.4	7.4	925.8
10.0	13.0	14	7	4	2.4	7.5	944.9
11.0	12.0	14	8	3	2.1	7.6	964.0
12.0	11.0	14	8	3	2.1	7.7	983.1
13.0	10.0	14	8	3	2.1	7.8	1002.3
14.0	9.0	14	8	3	2.1	7.9	1021.4
15.0	8.0	14	7	5	2.8	8.0	1040.5
16.0	7.0	14	7	5	2.8	8.1	1059.7
17.0	6.0	14	7	5	2.8	8.2	1078.8
18.0	5.0	14	7	5	2.8	8.2	1097.9
19.0	4.0	14	7	5	2.8	8.3	1117.0
20.0	3.0	14	7	5	2.8	8.5	1136.2
21.0	2.0	14	8	4	2.5	8.6	1155.3
22.0	1.0	14	8	4	2.5	8.7	1174.4
WL= 24.0							
1.0	23.0	14	7	4	2.4	6.9	805.5
2.0	22.0	14	7	4	2.4	7.1	824.6
3.0	21.0	14	7	4	2.4	7.2	843.8
4.0	20.0	14	8	3	2.1	7.3	862.9
5.0	19.0	14	7	5	2.8	7.4	882.0
6.0	18.0	14	7	5	2.8	7.5	901.1

TABLE TT (Contd)

EQUALIZER SETTINGS FOR MIXED 24- AND
22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
24-GA	22-GA	BW	HT	SL			
WL= 24.0							
7.0	17.0	14	7	5	2.8	7.6	920.3
8.0	16.0	14	7	5	2.8	7.7	939.4
9.0	15.0	14	7	5	2.8	7.8	958.5
10.0	14.0	14	7	5	2.8	7.9	977.7
11.0	13.0	14	7	5	2.8	8.0	996.8
12.0	12.0	14	7	5	2.8	8.0	1015.9
13.0	11.0	14	7	5	2.8	8.1	1035.0
14.0	10.0	14	7	6	3.3	8.2	1054.2
15.0	9.0	14	8	4	2.5	8.3	1073.3
16.0	8.0	14	8	4	2.5	8.4	1092.4
17.0	7.0	14	8	4	2.5	8.5	1111.6
18.0	6.0	14	8	4	2.5	8.6	1130.7
19.0	5.0	14	8	4	2.5	8.7	1149.8
20.0	4.0	14	8	4	2.5	8.8	1168.9
21.0	3.0	14	8	4	2.5	8.9	1188.1
22.0	2.0	14	8	4	2.5	9.0	1207.2
23.0	1.0	14	8	4	2.5	9.1	1226.3
WL= 25.0							
1.0	24.0	14	7	5	2.8	7.3	838.3
2.0	23.0	14	7	5	2.8	7.4	857.4
3.0	22.0	14	7	5	2.8	7.5	876.5
4.0	21.0	14	7	5	2.8	7.6	895.6
5.0	20.0	14	7	5	2.8	7.7	914.8
6.0	19.0	14	7	5	2.8	7.8	933.9
7.0	18.0	14	7	6	3.3	7.9	953.0
8.0	17.0	14	7	6	3.3	8.0	972.2
9.0	16.0	14	7	6	3.3	8.1	991.3
10.0	15.0	14	8	4	2.5	8.2	1010.4
11.0	14.0	14	8	4	2.5	8.3	1029.5
12.0	13.0	14	8	4	2.5	8.4	1048.7
13.0	12.0	14	8	4	2.5	8.5	1067.8
14.0	11.0	14	8	4	2.5	8.6	1086.9
15.0	10.0	14	8	4	2.5	8.6	1106.1
16.0	9.0	14	8	4	2.5	8.7	1125.2
17.0	8.0	14	8	5	3.0	8.8	1144.3
18.0	7.0	14	8	5	3.0	8.9	1163.4
19.0	6.0	14	8	5	3.0	9.0	1182.6
20.0	5.0	14	8	5	3.0	9.1	1201.7
21.0	4.0	14	8	5	3.0	9.2	1220.8
22.0	3.0	14	8	5	3.0	9.3	1240.0
23.0	2.0	14	8	5	3.0	9.4	1259.1
24.0	1.0	14	8	5	3.0	9.5	1278.2
WL= 26.0							
1.0	25.0	14	7	6	3.3	7.6	871.0
2.0	24.0	14	7	6	3.3	7.7	890.2
3.0	23.0	14	7	6	3.3	7.9	909.3
4.0	22.0	14	7	6	3.3	8.0	928.4
5.0	21.0	14	8	4	2.5	8.1	947.5

TABLE TT (Contd)

**EQUALIZER SETTINGS FOR MIXED 24- AND
22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F**

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
24-GA	22-GA	BW	HT	SL			
WL= 26.0							
6.0	20.0	14	8	4	2.5	8.2	966.7
7.0	19.0	14	8	4	2.5	8.3	985.8
8.0	18.0	14	8	4	2.5	8.4	1004.9
9.0	17.0	14	8	4	2.5	8.5	1024.1
10.0	16.0	14	7	7	3.9	8.5	1043.2
11.0	15.0	14	7	7	3.9	8.6	1062.3
12.0	14.0	14	8	5	3.0	8.7	1081.4
13.0	13.0	14	8	5	3.0	8.8	1100.6
14.0	12.0	14	8	5	3.0	8.9	1119.7
15.0	11.0	14	8	5	3.0	9.0	1138.8
16.0	10.0	14	8	5	3.0	9.1	1158.0
17.0	9.0	14	8	5	3.0	9.2	1177.1
18.0	8.0	14	8	5	3.0	9.2	1196.2
19.0	7.0	14	8	6	3.5	9.3	1215.3
20.0	6.0	14	8	6	3.5	9.4	1234.5
21.0	5.0	14	8	6	3.5	9.5	1253.6
22.0	4.0	14	8	6	3.5	9.6	1272.7
23.0	3.0	14	8	6	3.5	9.7	1291.9
24.0	2.0	14	9	5	3.1	9.8	1311.0
25.0	1.0	14	9	5	3.1	10.0	1330.1
WL= 27.0							
1.0	26.0	14	8	4	2.5	8.0	903.8
2.0	25.0	14	7	6	3.3	8.1	922.9
3.0	24.0	14	7	7	3.9	8.2	942.0
4.0	23.0	14	7	7	3.9	8.3	961.2
5.0	22.0	14	7	7	3.9	8.4	980.3
6.0	21.0	14	7	7	3.9	8.5	999.4
7.0	20.0	14	8	5	3.0	8.6	1018.6
8.0	19.0	14	8	5	3.0	8.7	1037.7
9.0	18.0	14	8	5	3.0	8.8	1056.8
10.0	17.0	14	8	5	3.0	8.9	1075.9
11.0	16.0	14	8	5	3.0	9.0	1095.1
12.0	15.0	14	8	5	3.0	9.1	1114.2
13.0	14.0	14	8	5	3.0	9.2	1133.3
14.0	13.0	14	8	6	3.5	9.2	1152.5
15.0	12.0	14	8	6	3.5	9.3	1171.6
16.0	11.0	14	8	6	3.5	9.4	1190.7
17.0	10.0	14	8	6	3.5	9.5	1209.8
18.0	9.0	14	9	5	3.1	9.6	1229.0
19.0	8.0	14	9	5	3.1	9.7	1248.1
20.0	7.0	14	9	5	3.1	9.8	1267.2
21.0	6.0	14	9	5	3.1	9.9	1286.4
22.0	5.0	14	9	5	3.1	10.0	1305.5
23.0	4.0	14	8	7	4.1	10.1	1324.6
24.0	3.0	14	8	7	4.1	10.2	1343.7
25.0	2.0	14	9	6	3.6	10.3	1362.9
26.0	1.0	14	9	6	3.6	10.4	1382.0
WL= 28.0							

TABLE TT (Contd)

**EQUALIZER SETTINGS FOR MIXED 24- AND
22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F**

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
24-GA	22-GA	BW	HT	SL			
WL = 28.0							
1.0	27.0	14	8	5	3.0	8.3	936.6
2.0	26.0	14	8	5	3.0	8.4	955.7
3.0	25.0	14	8	5	3.0	8.5	974.8
4.0	24.0	14	8	5	3.0	8.7	993.9
5.0	23.0	14	8	5	3.0	8.8	1013.1
6.0	22.0	14	8	5	3.0	8.9	1032.2
7.0	21.0	14	8	5	3.0	9.0	1051.3
8.0	20.0	14	8	6	3.5	9.1	1070.5
9.0	19.0	14	8	6	3.5	9.2	1089.6
10.0	18.0	14	8	6	3.5	9.2	1108.7
11.0	17.0	14	8	6	3.5	9.3	1127.8
12.0	16.0	14	8	6	3.5	9.4	1147.0
13.0	15.0	14	8	6	3.5	9.5	1166.1
14.0	14.0	14	9	5	3.1	9.6	1185.2
15.0	13.0	14	9	5	3.1	9.7	1204.4
16.0	12.0	14	8	7	4.1	9.8	1223.5
17.0	11.0	14	8	7	4.1	9.8	1242.6
18.0	10.0	14	8	7	4.1	9.9	1261.7
19.0	9.0	14	9	6	3.6	10.0	1280.9
20.0	8.0	14	9	6	3.6	10.1	1300.0
21.0	7.0	14	9	6	3.6	10.2	1319.1
22.0	6.0	14	9	6	3.6	10.3	1338.3
23.0	5.0	14	9	6	3.6	10.4	1357.4
24.0	4.0	14	9	6	3.6	10.5	1376.5
25.0	3.0	14	10	5	3.3	10.6	1395.6
26.0	2.0	14	10	5	3.3	10.7	1414.8
27.0	1.0	14	9	7	4.2	10.8	1433.9
WL = 29.0							
1.0	28.0	14	8	5	3.0	8.6	969.3
2.0	27.0	14	8	6	3.5	8.8	988.4
3.0	26.0	14	8	6	3.5	8.9	1007.6
4.0	25.0	14	8	6	3.5	9.0	1026.7
5.0	24.0	14	8	6	3.5	9.1	1045.8
6.0	23.0	14	8	6	3.5	9.2	1065.0
7.0	22.0	14	8	6	3.5	9.3	1084.1
8.0	21.0	14	8	6	3.5	9.4	1103.2
9.0	20.0	14	8	6	3.5	9.5	1122.3
10.0	19.0	14	8	6	3.5	9.6	1141.5
11.0	18.0	14	8	7	4.1	9.7	1160.6
12.0	17.0	14	8	7	4.1	9.8	1179.7
13.0	16.0	14	8	7	4.1	9.8	1198.9
14.0	15.0	14	9	6	3.6	9.9	1218.0
15.0	14.0	14	9	6	3.6	10.0	1237.1
16.0	13.0	14	9	6	3.6	10.1	1256.3
17.0	12.0	14	9	6	3.6	10.2	1275.4
18.0	11.0	14	9	6	3.6	10.3	1294.5
19.0	10.0	14	10	5	3.3	10.4	1313.6
20.0	9.0	14	9	7	4.2	10.4	1332.8
21.0	8.0	14	9	7	4.2	10.5	1351.9

TABLE TT (Contd)

EQUALIZER SETTINGS FOR MIXED 24- AND
22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
24-GA	22-GA	BW	HT	SL			
WL= 29.0							
22.0	7.0	14	9	7	4.2	10.6	1371.0
23.0	6.0	14	9	7	4.2	10.7	1390.2
24.0	5.0	14	9	7	4.2	10.8	1409.3
25.0	4.0	14	9	7	4.2	10.9	1428.4
26.0	3.0	14	10	6	3.8	11.0	1447.5
27.0	2.0	14	10	6	3.8	11.2	1466.7
28.0	1.0	14	10	6	3.8	11.3	1485.8
WL= 30.0							
1.0	29.0	14	8	6	3.5	9.0	1002.1
2.0	28.0	14	8	6	3.5	9.1	1021.2
3.0	27.0	14	8	6	3.5	9.2	1040.3
4.0	26.0	14	8	6	3.5	9.3	1059.5
5.0	25.0	14	8	7	4.1	9.5	1078.6
6.0	24.0	14	8	7	4.1	9.6	1097.7
7.0	23.0	14	8	7	4.1	9.7	1116.9
8.0	22.0	14	8	7	4.1	9.8	1136.0
9.0	21.0	14	8	7	4.1	9.8	1155.1
10.0	20.0	14	8	7	4.1	9.9	1174.2
11.0	19.0	14	9	6	3.6	10.0	1193.4
12.0	18.0	14	9	6	3.6	10.1	1212.5
13.0	17.0	14	9	6	3.6	10.2	1231.6
14.0	16.0	14	8	8	4.4	10.3	1250.8
15.0	15.0	14	9	7	4.2	10.4	1269.9
16.0	14.0	14	9	7	4.2	10.5	1289.0
17.0	13.0	14	9	7	4.2	10.5	1308.1
18.0	12.0	14	9	7	4.2	10.6	1327.3
19.0	11.0	14	9	7	4.2	10.7	1346.4
20.0	10.0	14	10	6	3.8	10.8	1365.5
21.0	9.0	14	10	6	3.8	10.9	1384.7
22.0	8.0	14	10	6	3.8	11.0	1403.8
23.0	7.0	14	10	6	3.8	11.1	1422.9
24.0	6.0	14	10	6	3.8	11.2	1442.0
25.0	5.0	14	9	9	5.0	11.3	1461.2
26.0	4.0	14	9	9	5.0	11.4	1480.3
27.0	3.0	14	10	7	4.3	11.5	1499.4
28.0	2.0	14	10	7	4.3	11.6	1518.6
29.0	1.0	14	10	7	4.3	11.7	1537.7

TABLE UU

EQUALIZER SETTINGS FOR MIXED 26- AND
22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
26-GA	22-GA	BW	HT	SL			
WL= 7.0							
5.0	2.0	13	3	0	0.1	3.2	482.2
6.0	1.0	13	3	0	0.1	3.4	532.8
WL= 8.0							
4.0	4.0	14	3	0	0.1	3.1	464.4
5.0	3.0	14	3	0	0.1	3.4	515.0
6.0	2.0	14	3	0	0.1	3.7	565.5
7.0	1.0	12	2	1	0.5	3.9	616.1
WL= 9.0							
3.0	6.0	14	4	0	0.2	3.1	446.6
4.0	5.0	14	4	0	0.2	3.4	497.2
5.0	4.0	14	4	0	0.2	3.6	547.7
6.0	3.0	14	4	0	0.2	3.9	598.3
7.0	2.0	14	4	0	0.2	4.2	648.9
8.0	1.0	14	4	0	0.2	4.4	699.4
WL= 10.0							
2.0	8.0	13	3	1	0.5	3.1	428.8
3.0	7.0	14	3	1	0.6	3.4	479.4
4.0	6.0	14	3	1	0.6	3.7	529.9
5.0	5.0	14	3	1	0.6	3.9	580.5
6.0	4.0	14	3	1	0.6	4.2	631.1
7.0	3.0	14	3	1	0.6	4.4	681.6
8.0	2.0	14	5	0	0.3	4.6	732.2
9.0	1.0	14	5	0	0.3	4.9	782.8
WL= 11.0							
1.0	10.0	14	5	0	0.3	3.1	411.0
2.0	9.0	14	5	0	0.3	3.4	461.6
3.0	8.0	13	4	1	0.5	3.7	512.1
4.0	7.0	13	4	1	0.5	3.9	562.7
5.0	6.0	13	4	1	0.5	4.2	613.3
6.0	5.0	14	4	1	0.6	4.4	663.8
7.0	4.0	14	4	1	0.6	4.7	714.4
8.0	3.0	14	4	1	0.6	4.9	765.0
9.0	2.0	14	4	1	0.6	5.1	815.5
10.0	1.0	14	4	1	0.6	5.4	866.1
WL= 12.0							
1.0	11.0	14	4	1	0.6	3.4	443.8
2.0	10.0	14	4	1	0.6	3.7	494.3
3.0	9.0	14	4	1	0.6	3.9	544.9
4.0	8.0	14	6	0	0.4	4.2	595.5
5.0	7.0	14	6	0	0.4	4.4	646.0
6.0	6.0	14	6	0	0.4	4.7	696.6
7.0	5.0	14	6	0	0.4	4.9	747.2
8.0	4.0	14	6	0	0.4	5.2	797.7
9.0	3.0	14	6	0	0.4	5.4	848.3
10.0	2.0	14	5	1	0.7	5.6	898.9

TABLE UU (Contd)

EQUALIZER SETTINGS FOR MIXED 26-AND
22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
26-GA	22-GA	BW	HT	SL			
WL= 12.0							
11.0	1.0	14	5	1	0.7	5.9	949.4
WL= 13.0							
1.0	12.0	14	6	0	0.4	3.7	476.5
2.0	11.0	14	5	1	0.7	4.0	527.1
3.0	10.0	14	5	1	0.7	4.2	577.7
4.0	9.0	14	5	1	0.7	4.5	628.2
5.0	8.0	14	5	1	0.7	4.7	678.8
6.0	7.0	14	5	1	0.7	5.0	729.4
7.0	6.0	14	5	1	0.7	5.2	779.9
8.0	5.0	14	5	1	0.7	5.4	830.5
9.0	4.0	14	4	2	1.1	5.7	881.1
10.0	3.0	12	5	2	1.0	5.9	931.6
11.0	2.0	13	5	2	1.1	6.1	982.2
12.0	1.0	14	7	0	0.5	6.4	1032.8
WL= 14.0							
1.0	13.0	14	4	2	1.1	4.0	509.3
2.0	12.0	12	4	3	1.4	4.2	559.8
3.0	11.0	13	5	2	1.1	4.5	610.4
4.0	10.0	13	5	2	1.1	4.8	661.0
5.0	9.0	14	7	0	0.5	5.0	711.6
6.0	8.0	14	7	0	0.5	5.3	762.1
7.0	7.0	14	6	1	0.8	5.5	812.7
8.0	6.0	14	6	1	0.8	5.7	863.3
9.0	5.0	14	6	1	0.8	5.9	913.8
10.0	4.0	14	6	1	0.8	6.2	964.4
11.0	3.0	14	6	1	0.8	6.4	1015.0
12.0	2.0	14	5	2	1.2	6.6	1065.5
13.0	1.0	13	5	3	1.5	6.9	1116.1
WL= 15.0							
1.0	14.0	14	6	1	0.8	4.3	542.0
2.0	13.0	14	6	1	0.8	4.5	592.6
3.0	12.0	14	6	1	0.8	4.8	643.2
4.0	11.0	14	5	2	1.2	5.1	693.8
5.0	10.0	14	5	2	1.2	5.3	744.3
6.0	9.0	14	5	2	1.2	5.6	794.9
7.0	8.0	13	5	3	1.5	5.8	845.5
8.0	7.0	13	5	3	1.5	6.0	896.0
9.0	6.0	13	5	3	1.5	6.2	946.6
10.0	5.0	13	6	2	1.1	6.4	997.2
11.0	4.0	13	6	2	1.1	6.7	1047.7
12.0	3.0	14	7	1	0.9	6.9	1098.3
13.0	2.0	14	7	1	0.9	7.1	1148.9
14.0	1.0	14	7	1	0.9	7.4	1199.4
WL= 16.0							
1.0	15.0	14	5	2	1.2	4.6	574.8
2.0	14.0	13	5	3	1.5	4.9	625.4

TABLE UU (Contd)

EQUALIZER SETTINGS FOR MIXED 26- AND
22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
26-GA	22-GA	BW	HT	SL			
WL= 16.0							
3.0	13.0	13	5	3	1.5	5.1	675.9
4.0	12.0	13	6	2	1.1	5.4	726.5
5.0	11.0	14	6	2	1.3	5.6	777.1
6.0	10.0	14	6	2	1.3	5.9	827.7
7.0	9.0	14	6	2	1.3	6.1	878.2
8.0	8.0	14	7	1	0.9	6.3	928.8
9.0	7.0	14	7	1	0.9	6.5	979.4
10.0	6.0	14	7	1	0.9	6.7	1029.9
11.0	5.0	14	6	2	1.3	6.9	1080.5
12.0	4.0	13	6	3	1.6	7.2	1131.1
13.0	3.0	13	6	3	1.6	7.4	1181.6
14.0	2.0	13	6	3	1.6	7.6	1232.2
15.0	1.0	14	7	2	1.4	7.9	1282.8
WL= 17.0							
1.0	16.0	14	6	2	1.3	4.9	607.6
2.0	15.0	14	6	2	1.3	5.2	658.1
3.0	14.0	14	6	2	1.3	5.4	708.7
4.0	13.0	14	6	2	1.3	5.7	759.3
5.0	12.0	14	6	2	1.3	5.9	809.8
6.0	11.0	13	6	3	1.6	6.2	860.4
7.0	10.0	13	6	3	1.6	6.4	911.0
8.0	9.0	13	6	3	1.6	6.6	961.6
9.0	8.0	13	6	3	1.6	6.8	1012.1
10.0	7.0	14	6	3	1.7	7.0	1062.7
11.0	6.0	14	7	2	1.4	7.2	1113.3
12.0	5.0	14	7	2	1.4	7.5	1163.8
13.0	4.0	14	7	2	1.4	7.7	1214.4
14.0	3.0	14	8	1	1.1	7.9	1265.0
15.0	2.0	14	8	1	1.1	8.1	1315.5
16.0	1.0	13	7	3	1.7	8.4	1366.1
WL= 18.0							
1.0	17.0	13	5	4	2.0	5.2	640.3
2.0	16.0	13	6	3	1.6	5.5	690.9
3.0	15.0	14	6	3	1.7	5.8	741.5
4.0	14.0	14	6	3	1.7	6.0	792.0
5.0	13.0	14	6	3	1.7	6.3	842.6
6.0	12.0	14	7	2	1.4	6.5	893.2
7.0	11.0	14	7	2	1.4	6.7	943.8
8.0	10.0	14	7	2	1.4	6.9	994.3
9.0	9.0	14	7	2	1.4	7.1	1044.9
10.0	8.0	14	7	2	1.4	7.3	1095.5
11.0	7.0	13	6	4	2.1	7.5	1146.0
12.0	6.0	13	7	3	1.7	7.8	1196.6
13.0	5.0	13	7	3	1.7	8.0	1247.2
14.0	4.0	14	7	3	1.9	8.2	1297.7
15.0	3.0	14	7	3	1.9	8.4	1348.3
16.0	2.0	14	7	3	1.9	8.6	1398.9
17.0	1.0	14	8	2	1.6	8.9	1449.4

TABLE UU (Contd)

**EQUALIZER SETTINGS FOR MIXED 26- AND
22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F**

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
26-GA	22-GA	BW	HT	SL			
WL= 19.0							
1.0	18.0	14	6	3	1.7	5.5	673.1
2.0	17.0	14	7	2	1.4	5.8	723.7
3.0	16.0	14	7	2	1.4	6.1	774.2
4.0	15.0	14	7	2	1.4	6.3	824.8
5.0	14.0	13	6	4	2.1	6.6	875.4
6.0	13.0	14	6	4	2.2	6.8	925.9
7.0	12.0	14	6	4	2.2	7.0	976.5
8.0	11.0	14	6	4	2.2	7.2	1027.1
9.0	10.0	14	7	3	1.9	7.5	1077.7
10.0	9.0	14	7	3	1.9	7.7	1128.2
11.0	8.0	14	7	3	1.9	7.9	1178.8
12.0	7.0	14	7	3	1.9	8.1	1229.4
13.0	6.0	14	8	2	1.6	8.3	1279.9
14.0	5.0	14	8	2	1.6	8.5	1330.5
15.0	4.0	14	8	2	1.6	8.7	1381.1
16.0	3.0	14	7	4	2.4	8.9	1431.6
17.0	2.0	14	7	4	2.4	9.2	1482.2
18.0	1.0	14	9	2	1.7	9.4	1532.8
WL= 20.0							
1.0	19.0	14	7	2	1.4	5.8	705.9
2.0	18.0	14	6	4	2.2	6.1	756.4
3.0	17.0	14	6	4	2.2	6.4	807.0
4.0	16.0	14	6	4	2.2	6.7	857.6
5.0	15.0	14	7	3	1.9	6.9	908.1
6.0	14.0	14	7	3	1.9	7.1	958.7
7.0	13.0	14	7	3	1.9	7.4	1009.3
8.0	12.0	14	7	3	1.9	7.6	1059.8
9.0	11.0	14	8	2	1.6	7.8	1110.4
10.0	10.0	14	8	2	1.6	8.0	1161.0
11.0	9.0	14	7	4	2.4	8.2	1211.6
12.0	8.0	14	7	4	2.4	8.4	1262.1
13.0	7.0	14	7	4	2.4	8.6	1312.7
14.0	6.0	14	7	4	2.4	8.8	1363.3
15.0	5.0	14	9	2	1.7	9.0	1413.8
16.0	4.0	14	8	3	2.1	9.2	1464.4
17.0	3.0	14	8	3	2.1	9.5	1515.0
18.0	2.0	14	8	3	2.1	9.7	1565.5
19.0	1.0	13	8	4	2.3	9.9	1616.1
WL= 21.0							
1.0	20.0	14	6	4	2.2	6.1	738.6
2.0	19.0	14	7	3	1.9	6.4	789.2
3.0	18.0	14	7	3	1.9	6.7	839.8
4.0	17.0	14	7	3	1.9	7.0	890.3
5.0	16.0	14	6	5	2.7	7.2	940.9
6.0	15.0	14	6	5	2.7	7.5	991.5
7.0	14.0	14	7	4	2.4	7.7	1042.0
8.0	13.0	14	7	4	2.4	7.9	1092.6
9.0	12.0	14	7	4	2.4	8.1	1143.2

TABLE UU(Contd)

EQUALIZER SETTINGS FOR MIXED 26- AND
22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
26-GA	22-GA	BW	HT	SL			
WL= 21.0							
10.0	11.0	14	7	4	2.4	8.3	1193.8
11.0	10.0	14	8	3	2.1	8.5	1244.3
12.0	9.0	14	8	3	2.1	8.7	1294.9
13.0	8.0	14	8	3	2.1	8.9	1345.5
14.0	7.0	14	8	3	2.1	9.1	1396.0
15.0	6.0	14	8	3	2.1	9.3	1446.6
16.0	5.0	13	8	4	2.3	9.5	1497.2
17.0	4.0	14	8	4	2.5	9.8	1547.7
18.0	3.0	14	8	4	2.5	10.0	1598.3
19.0	2.0	14	8	4	2.5	10.2	1648.9
20.0	1.0	13	8	5	2.8	10.5	1699.4
WL= 22.0							
1.0	21.0	14	7	3	1.9	6.5	771.4
2.0	20.0	14	6	5	2.7	6.8	822.0
3.0	19.0	14	7	4	2.4	7.1	872.5
4.0	18.0	14	7	4	2.4	7.3	923.1
5.0	17.0	14	7	4	2.4	7.6	973.7
6.0	16.0	14	7	4	2.4	7.8	1024.2
7.0	15.0	14	7	4	2.4	8.0	1074.8
8.0	14.0	14	8	3	2.1	8.2	1125.4
9.0	13.0	14	8	3	2.1	8.4	1175.9
10.0	12.0	14	7	5	2.8	8.6	1226.5
11.0	11.0	14	7	5	2.8	8.8	1277.1
12.0	10.0	14	7	5	2.8	9.0	1327.7
13.0	9.0	14	8	4	2.5	9.2	1378.2
14.0	8.0	14	8	4	2.5	9.4	1428.8
15.0	7.0	14	8	4	2.5	9.6	1479.4
16.0	6.0	14	8	4	2.5	9.9	1529.9
17.0	5.0	13	8	5	2.8	10.1	1580.5
18.0	4.0	14	8	5	3.0	10.3	1631.1
19.0	3.0	14	9	4	2.7	10.5	1681.6
20.0	2.0	14	9	4	2.7	10.8	1732.2
21.0	1.0	14	9	4	2.7	11.0	1782.8
WL= 23.0							
1.0	22.0	14	7	4	2.4	6.8	804.2
2.0	21.0	14	7	4	2.4	7.1	854.7
3.0	20.0	14	7	4	2.4	7.4	905.3
4.0	19.0	14	7	4	2.4	7.7	955.9
5.0	18.0	14	7	5	2.8	7.9	1006.4
6.0	17.0	14	7	5	2.8	8.1	1057.0
7.0	16.0	14	7	5	2.8	8.4	1107.6
8.0	15.0	14	7	5	2.8	8.6	1158.1
9.0	14.0	14	7	5	2.8	8.8	1208.7
10.0	13.0	14	8	4	2.5	9.0	1259.3
11.0	12.0	14	8	4	2.5	9.2	1309.8
12.0	11.0	14	8	4	2.5	9.4	1360.4
13.0	10.0	14	8	4	2.5	9.6	1411.0
14.0	9.0	14	8	5	3.0	9.8	1461.6

TABLE UU (Contd)

EQUALIZER SETTINGS FOR MIXED 26- AND
22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
26-GA	22-GA	BW	HT	SL			
WL= 23.0							
15.0	8.0	14	8	5	3.0	10.0	1512.1
16.0	7.0	14	9	4	2.7	10.2	1562.7
17.0	6.0	14	9	4	2.7	10.4	1613.3
18.0	5.0	14	9	4	2.7	10.6	1663.8
19.0	4.0	14	8	6	3.5	10.8	1714.4
20.0	3.0	14	9	5	3.1	11.1	1765.0
21.0	2.0	14	9	5	3.1	11.3	1815.5
22.0	1.0	14	10	4	2.8	11.6	1866.1
WL= 24.0							
1.0	23.0	14	7	4	2.4	7.1	836.9
2.0	22.0	14	7	5	2.8	7.5	887.5
3.0	21.0	14	7	5	2.8	7.7	938.1
4.0	20.0	14	7	5	2.8	8.0	988.6
5.0	19.0	14	7	5	2.8	8.3	1039.2
6.0	18.0	14	7	6	3.3	8.5	1089.8
7.0	17.0	14	7	6	3.3	8.7	1140.3
8.0	16.0	14	8	4	2.5	8.9	1190.9
9.0	15.0	14	8	4	2.5	9.1	1241.5
10.0	14.0	14	8	4	2.5	9.3	1292.0
11.0	13.0	14	8	5	3.0	9.5	1342.6
12.0	12.0	14	8	5	3.0	9.7	1393.2
13.0	11.0	14	9	4	2.7	9.9	1443.8
14.0	10.0	14	9	4	2.7	10.1	1494.3
15.0	9.0	14	8	6	3.5	10.3	1544.9
16.0	8.0	14	9	5	3.1	10.5	1595.5
17.0	7.0	14	9	5	3.1	10.7	1646.0
18.0	6.0	14	10	4	2.8	10.9	1696.6
19.0	5.0	14	10	4	2.8	11.1	1747.2
20.0	4.0	14	9	6	3.6	11.4	1797.7
21.0	3.0	14	9	6	3.6	11.6	1848.3
22.0	2.0	14	10	5	3.3	11.8	1898.9
23.0	1.0	14	10	5	3.3	12.1	1949.4
WL= 25.0							
1.0	24.0	14	7	5	2.8	7.5	869.7
2.0	23.0	14	7	5	2.8	7.8	920.3
3.0	22.0	14	7	6	3.3	8.1	970.8
4.0	21.0	14	7	6	3.3	8.4	1021.4
5.0	20.0	14	7	6	3.3	8.6	1072.0
6.0	19.0	14	7	6	3.3	8.8	1122.5
7.0	18.0	14	7	7	3.9	9.1	1173.1
8.0	17.0	14	7	7	3.9	9.3	1223.7
9.0	16.0	14	8	5	3.0	9.5	1274.2
10.0	15.0	14	8	5	3.0	9.7	1324.8
11.0	14.0	14	8	5	3.0	9.9	1375.4
12.0	13.0	14	8	6	3.5	10.1	1425.9
13.0	12.0	14	8	6	3.5	10.3	1476.5
14.0	11.0	14	9	5	3.1	10.5	1527.1
15.0	10.0	14	10	4	2.8	10.6	1577.7

TABLE UU (Contd)

EQUALIZER SETTINGS FOR MIXED 26- AND
22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
26-GA	22-GA	BW	HT	SL			
WL= 25.0							
16.0	9.0	14	10	4	2.8	10.8	1628.2
17.0	8.0	14	9	6	3.6	11.0	1678.8
18.0	7.0	14	9	6	3.6	11.3	1729.4
19.0	6.0	14	10	5	3.3	11.5	1779.9
20.0	5.0	14	10	5	3.3	11.7	1830.5
21.0	4.0	14	10	5	3.3	11.9	1881.1
22.0	3.0	14	10	6	3.8	12.1	1931.6
23.0	2.0	14	10	6	3.8	12.4	1982.2
24.0	1.0	14	10	6	3.8	12.7	2032.8
WL= 26.0							
1.0	25.0	14	7	6	3.3	7.8	902.5
2.0	24.0	14	7	6	3.3	8.1	953.0
3.0	23.0	14	7	6	3.3	8.4	1003.6
4.0	22.0	14	7	7	3.9	8.7	1054.2
5.0	21.0	14	7	7	3.9	8.9	1104.7
6.0	20.0	14	8	5	3.0	9.2	1155.3
7.0	19.0	14	8	5	3.0	9.4	1205.9
8.0	18.0	14	8	5	3.0	9.6	1256.4
9.0	17.0	14	8	6	3.5	9.8	1307.0
10.0	16.0	14	8	6	3.5	10.0	1357.6
11.0	15.0	14	9	5	3.1	10.2	1408.1
12.0	14.0	14	9	5	3.1	10.4	1458.7
13.0	13.0	14	8	7	4.1	10.6	1509.3
14.0	12.0	14	9	6	3.6	10.8	1559.8
15.0	11.0	14	9	6	3.6	11.0	1610.4
16.0	10.0	14	10	5	3.3	11.2	1661.0
17.0	9.0	14	10	5	3.3	11.4	1711.6
18.0	8.0	14	9	7	4.2	11.6	1762.1
19.0	7.0	14	10	6	3.8	11.8	1812.7
20.0	6.0	14	10	6	3.8	12.0	1863.3
21.0	5.0	14	11	5	3.5	12.2	1913.8
22.0	4.0	14	11	5	3.5	12.5	1964.4
23.0	3.0	13	10	8	4.3	12.7	2015.0
24.0	2.0	14	10	7	4.3	12.9	2065.5
25.0	1.0	14	11	6	4.0	13.2	2116.1
WL= 27.0							
1.0	26.0	14	7	7	3.9	8.2	935.2
2.0	25.0	14	7	7	3.9	8.5	985.8
3.0	24.0	14	8	5	3.0	8.8	1036.4
4.0	23.0	14	8	5	3.0	9.0	1086.9
5.0	22.0	14	8	5	3.0	9.3	1137.5
6.0	21.0	14	8	5	3.0	9.5	1188.1
7.0	20.0	14	8	6	3.5	9.8	1238.6
8.0	19.0	14	8	6	3.5	10.0	1289.2
9.0	18.0	14	8	6	3.5	10.2	1339.8
10.0	17.0	14	9	5	3.1	10.4	1390.3
11.0	16.0	14	8	7	4.1	10.6	1440.9
12.0	15.0	14	9	6	3.6	10.8	1491.5

TABLE UU (Contd)

EQUALIZER SETTINGS FOR MIXED 26- AND
22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
26-GA	22-GA	BW	HT	SL			
WL= 27.0							
13.0	14.0	14	9	6	3.6	11.0	1542.0
14.0	13.0	14	10	5	3.3	11.1	1592.6
15.0	12.0	14	9	7	4.2	11.3	1643.2
16.0	11.0	14	10	6	3.8	11.5	1693.8
17.0	10.0	14	10	6	3.8	11.7	1744.3
18.0	9.0	14	11	5	3.5	11.9	1794.9
19.0	8.0	14	11	5	3.5	12.1	1845.5
20.0	7.0	14	10	7	4.3	12.3	1896.0
21.0	6.0	13	10	9	4.8	12.6	1946.6
22.0	5.0	14	11	6	4.0	12.8	1997.2
23.0	4.0	14	11	6	4.0	13.0	2047.7
24.0	3.0	14	11	6	4.0	13.2	2098.3
25.0	2.0	13	11	8	4.5	13.5	2148.9
26.0	1.0	14	11	7	4.5	13.8	2199.4
WL= 28.0							
1.0	27.0	14	8	5	3.0	8.5	968.0
2.0	26.0	14	8	5	3.0	8.8	1018.6
3.0	25.0	14	8	6	3.5	9.1	1069.1
4.0	24.0	14	8	6	3.5	9.4	1119.7
5.0	23.0	14	8	6	3.5	9.6	1170.3
6.0	22.0	14	8	6	3.5	9.9	1220.8
7.0	21.0	14	8	6	3.5	10.1	1271.4
8.0	20.0	14	8	7	4.1	10.3	1322.0
9.0	19.0	14	8	7	4.1	10.5	1372.5
10.0	18.0	14	9	6	3.6	10.7	1423.1
11.0	17.0	14	9	6	3.6	10.9	1473.7
12.0	16.0	14	9	7	4.2	11.1	1524.2
13.0	15.0	14	9	7	4.2	11.3	1574.8
14.0	14.0	14	10	6	3.8	11.5	1625.4
15.0	13.0	14	10	6	3.8	11.7	1675.9
16.0	12.0	14	11	5	3.5	11.9	1726.5
17.0	11.0	14	10	7	4.3	12.1	1777.1
18.0	10.0	13	10	9	4.8	12.3	1827.7
19.0	9.0	14	11	6	4.0	12.5	1878.2
20.0	8.0	14	11	6	4.0	12.7	1928.8
21.0	7.0	13	11	8	4.5	12.9	1979.4
22.0	6.0	13	11	8	4.5	13.1	2029.9
23.0	5.0	14	11	7	4.5	13.3	2080.5
24.0	4.0	13	11	9	4.9	13.6	2131.1
25.0	3.0	13	11	9	4.9	13.8	2181.6
26.0	2.0	13	11	10	5.3	14.0	2232.2
27.0	1.0	13	11	10	5.3	14.3	2282.8
WL= 29.0							
1.0	28.0	14	8	6	3.5	8.9	1000.8
2.0	27.0	14	8	6	3.5	9.2	1051.3
3.0	26.0	14	8	6	3.5	9.5	1101.9
4.0	25.0	14	8	6	3.5	9.7	1152.5
5.0	24.0	14	8	7	4.1	10.0	1203.0

TABLE UU(Contd)

EQUALIZER SETTINGS FOR MIXED 26- AND
22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
26-GA	22-GA	BW	HT	SL			
WL= 29.0							
6.0	23.0	14	8	7	4.1	10.2	1253.6
7.0	22.0	14	8	7	4.1	10.5	1304.2
8.0	21.0	14	8	8	4.4	10.7	1354.7
9.0	20.0	14	8	8	4.4	10.9	1405.3
10.0	19.0	14	9	7	4.2	11.1	1455.9
11.0	18.0	14	9	7	4.2	11.3	1506.4
12.0	17.0	14	10	6	3.8	11.5	1557.0
13.0	16.0	14	10	6	3.8	11.7	1607.6
14.0	15.0	14	10	7	4.3	11.9	1658.1
15.0	14.0	14	10	7	4.3	12.0	1708.7
16.0	13.0	14	11	6	4.0	12.2	1759.3
17.0	12.0	14	11	6	4.0	12.4	1809.8
18.0	11.0	13	10	10	5.2	12.6	1860.4
19.0	10.0	14	11	7	4.5	12.8	1911.0
20.0	9.0	14	11	7	4.5	13.0	1961.6
21.0	8.0	13	11	9	4.9	13.2	2012.1
22.0	7.0	13	11	10	5.3	13.4	2062.7
23.0	6.0	13	11	10	5.3	13.6	2113.3
24.0	5.0	13	11	11	5.8	13.9	2163.8
25.0	4.0	13	11	11	5.8	14.1	2214.4
26.0	3.0	14	12	7	4.7	14.3	2265.0
27.0	2.0	14	12	7	4.7	14.6	2315.5
28.0	1.0	13	12	9	5.1	14.9	2366.1
WL= 30.0							
1.0	29.0	14	8	6	3.5	9.2	1033.5
2.0	28.0	14	8	7	4.1	9.5	1084.1
3.0	27.0	14	8	7	4.1	9.8	1134.7
4.0	26.0	14	8	7	4.1	10.1	1185.2
5.0	25.0	14	8	8	4.4	10.4	1235.8
6.0	24.0	14	8	8	4.4	10.6	1286.4
7.0	23.0	14	8	8	4.4	10.8	1336.9
8.0	22.0	14	8	9	4.9	11.0	1387.5
9.0	21.0	14	9	7	4.2	11.3	1438.1
10.0	20.0	14	9	7	4.2	11.5	1488.6
11.0	19.0	14	9	8	4.5	11.6	1539.2
12.0	18.0	14	9	9	5.0	11.8	1589.8
13.0	17.0	14	10	7	4.3	12.0	1640.3
14.0	16.0	14	10	7	4.3	12.2	1690.9
15.0	15.0	14	10	8	4.7	12.4	1741.5
16.0	14.0	14	10	9	5.1	12.6	1792.0
17.0	13.0	14	11	7	4.5	12.8	1842.6
18.0	12.0	13	11	9	4.9	13.0	1893.2
19.0	11.0	14	12	6	4.2	13.2	1943.7
20.0	10.0	13	11	10	5.3	13.4	1994.3
21.0	9.0	13	11	11	5.8	13.6	2044.9
22.0	8.0	13	12	8	4.6	13.8	2095.5
23.0	7.0	13	12	9	5.1	14.0	2146.0
24.0	6.0	13	12	9	5.1	14.2	2196.6
25.0	5.0	13	12	9	5.1	14.4	2247.2

TABLE UU (Contd)

EQUALIZER SETTINGS FOR MIXED 26- AND
22-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT) 26-GA 22-GA	EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
	BW	HT	SL			
WL= 30.0						
26.0 4.0	13	12	10	5.5	14.7	2297.7
27.0 3.0	13	12	10	5.5	14.9	2348.3
28.0 2.0	13	12	11	5.9	15.2	2398.9

TABLE VV
 EQUALIZER SETTINGS FOR MIXED 26- AND
 24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = NL
 INPUT IMPEDANCE = 600 OHMS
 CABLE TERMINATION = 600 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
26-GA	24-GA	BW	HT	SL			
WL= 6.0							
5.0	1.0	14	2	0	0.1	3.0	468.6
WL= 7.0							
3.0	4.0	13	3	0	0.1	3.0	457.6
4.0	3.0	13	3	0	0.1	3.2	489.0
5.0	2.0	13	3	0	0.1	3.4	520.5
6.0	1.0	13	3	0	0.1	3.5	551.9
WL= 8.0							
1.0	7.0	14	3	0	0.1	3.1	446.6
2.0	6.0	12	2	1	0.5	3.2	478.0
3.0	5.0	12	2	1	0.5	3.4	509.5
4.0	4.0	12	2	1	0.5	3.5	540.9
5.0	3.0	12	2	1	0.5	3.7	572.3
6.0	2.0	12	2	1	0.5	3.9	603.8
7.0	1.0	12	2	1	0.5	4.0	635.2
WL= 9.0							
1.0	8.0	14	4	0	0.2	3.4	498.5
2.0	7.0	14	4	0	0.2	3.6	529.9
3.0	6.0	14	4	0	0.2	3.7	561.4
4.0	5.0	14	4	0	0.2	3.9	592.8
5.0	4.0	14	4	0	0.2	4.0	624.2
6.0	3.0	14	4	0	0.2	4.2	655.7
7.0	2.0	14	4	0	0.2	4.3	687.1
8.0	1.0	13	3	1	0.5	4.5	718.6
WL= 10.0							
1.0	9.0	14	3	1	0.6	3.8	550.4
2.0	8.0	14	5	0	0.3	3.9	581.8
3.0	7.0	14	5	0	0.3	4.1	613.3
4.0	6.0	14	5	0	0.3	4.3	644.7
5.0	5.0	14	5	0	0.3	4.4	676.1
6.0	4.0	14	5	0	0.3	4.5	707.6
7.0	3.0	14	5	0	0.3	4.7	739.0
8.0	2.0	14	5	0	0.3	4.8	770.5
9.0	1.0	14	5	0	0.3	5.0	801.9
WL= 11.0							
1.0	10.0	14	4	1	0.6	4.1	602.3
2.0	9.0	14	4	1	0.6	4.3	633.7
3.0	8.0	14	4	1	0.6	4.5	665.2
4.0	7.0	14	4	1	0.6	4.6	696.6
5.0	6.0	14	4	1	0.6	4.8	728.0
6.0	5.0	14	4	1	0.6	4.9	759.5
7.0	4.0	14	4	1	0.6	5.0	790.9
8.0	3.0	14	4	1	0.6	5.2	822.3
9.0	2.0	14	4	1	0.6	5.3	853.8
10.0	1.0	14	4	1	0.6	5.5	885.2
WL= 12.0							

TABLE VV (Contd)

EQUALIZER SETTINGS FOR MIXED 26- AND
24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
26-GA	24-GA	BW	HT	SL			
WL= 12.0							
1.0	11.0	14	6	0	0.4	4.5	654.2
2.0	10.0	14	6	0	0.4	4.7	685.6
3.0	9.0	14	5	1	0.7	4.8	717.0
4.0	8.0	14	5	1	0.7	5.0	748.5
5.0	7.0	14	5	1	0.7	5.1	779.9
6.0	6.0	14	5	1	0.7	5.3	811.4
7.0	5.0	14	5	1	0.7	5.4	842.8
8.0	4.0	14	5	1	0.7	5.5	874.2
9.0	3.0	14	5	1	0.7	5.7	905.7
10.0	2.0	14	5	1	0.7	5.8	937.1
11.0	1.0	14	5	1	0.7	6.0	968.6
WL= 13.0							
1.0	12.0	14	4	2	1.1	4.9	706.1
2.0	11.0	14	4	2	1.1	5.1	737.5
3.0	10.0	12	5	2	1.0	5.2	768.9
4.0	9.0	13	5	2	1.1	5.4	800.4
5.0	8.0	13	5	2	1.1	5.5	831.8
6.0	7.0	13	5	2	1.1	5.6	863.3
7.0	6.0	13	5	2	1.1	5.8	894.7
8.0	5.0	13	5	2	1.1	5.9	926.1
9.0	4.0	13	5	2	1.1	6.0	957.6
10.0	3.0	14	7	0	0.5	6.2	989.0
11.0	2.0	14	7	0	0.5	6.3	1020.5
12.0	1.0	14	6	1	0.8	6.5	1051.9
WL= 14.0							
1.0	13.0	14	6	1	0.8	5.3	758.0
2.0	12.0	14	6	1	0.8	5.4	789.4
3.0	11.0	14	6	1	0.8	5.6	820.8
4.0	10.0	14	6	1	0.8	5.7	852.3
5.0	9.0	14	6	1	0.8	5.9	883.7
6.0	8.0	14	6	1	0.8	6.0	915.2
7.0	7.0	14	5	2	1.2	6.1	946.6
8.0	6.0	14	5	2	1.2	6.3	978.0
9.0	5.0	14	5	2	1.2	6.4	1009.5
10.0	4.0	12	5	3	1.5	6.5	1040.9
11.0	3.0	13	5	3	1.5	6.7	1072.3
12.0	2.0	13	5	3	1.5	6.8	1103.8
13.0	1.0	13	5	3	1.5	6.9	1135.2
WL= 15.0							
1.0	14.0	13	5	3	1.5	5.7	809.8
2.0	13.0	13	5	3	1.5	5.8	841.3
3.0	12.0	13	6	2	1.1	6.0	872.7
4.0	11.0	13	6	2	1.1	6.1	904.2
5.0	10.0	14	6	2	1.3	6.3	935.6
6.0	9.0	14	6	2	1.3	6.4	967.0
7.0	8.0	14	6	2	1.3	6.5	998.5
8.0	7.0	14	6	2	1.3	6.7	1029.9

TABLE VV (Contd)

EQUALIZER SETTINGS FOR MIXED 26- AND
24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
26-GA	24-GA	BW	HT	SL			
WL= 15.0							
9.0	6.0	14	7	1	0.9	6.8	1061.4
10.0	5.0	14	7	1	0.9	6.9	1092.8
11.0	4.0	14	7	1	0.9	7.0	1124.2
12.0	3.0	14	7	1	0.9	7.2	1155.7
13.0	2.0	14	7	1	0.9	7.3	1187.1
14.0	1.0	14	6	2	1.3	7.5	1218.6
WL= 16.0							
1.0	15.0	14	6	2	1.3	6.1	861.7
2.0	14.0	14	6	2	1.3	6.2	893.2
3.0	13.0	14	6	2	1.3	6.4	924.6
4.0	12.0	14	6	2	1.3	6.5	956.1
5.0	11.0	13	6	3	1.6	6.7	987.5
6.0	10.0	13	6	3	1.6	6.8	1018.9
7.0	9.0	13	6	3	1.6	6.9	1050.4
8.0	8.0	13	6	3	1.6	7.0	1081.8
9.0	7.0	13	6	3	1.6	7.2	1113.3
10.0	6.0	13	6	3	1.6	7.3	1144.7
11.0	5.0	13	6	3	1.6	7.4	1176.1
12.0	4.0	14	6	3	1.7	7.5	1207.6
13.0	3.0	14	6	3	1.7	7.7	1239.0
14.0	2.0	14	7	2	1.4	7.8	1270.5
15.0	1.0	14	7	2	1.4	8.0	1301.9
WL= 17.0							
1.0	16.0	14	6	3	1.7	6.5	913.6
2.0	15.0	14	6	3	1.7	6.6	945.1
3.0	14.0	14	6	3	1.7	6.8	976.5
4.0	13.0	14	7	2	1.4	6.9	1008.0
5.0	12.0	14	7	2	1.4	7.1	1039.4
6.0	11.0	14	7	2	1.4	7.2	1070.8
7.0	10.0	14	7	2	1.4	7.3	1102.3
8.0	9.0	14	7	2	1.4	7.4	1133.7
9.0	8.0	14	7	2	1.4	7.6	1165.2
10.0	7.0	14	7	2	1.4	7.7	1196.6
11.0	6.0	14	8	1	1.1	7.8	1228.0
12.0	5.0	14	8	1	1.1	7.9	1259.5
13.0	4.0	14	8	1	1.1	8.1	1290.9
14.0	3.0	13	7	3	1.7	8.2	1322.3
15.0	2.0	13	7	3	1.7	8.3	1353.8
16.0	1.0	13	7	3	1.7	8.5	1385.2
WL= 18.0							
1.0	17.0	14	7	2	1.4	6.9	965.5
2.0	16.0	13	6	4	2.1	7.0	997.0
3.0	15.0	14	6	4	2.2	7.2	1028.4
4.0	14.0	14	6	4	2.2	7.3	1059.8
5.0	13.0	14	6	4	2.2	7.5	1091.3
6.0	12.0	14	6	4	2.2	7.6	1122.7
7.0	11.0	14	6	4	2.2	7.7	1154.2

TABLE VV (Contd)

**EQUALIZER SETTINGS FOR MIXED 26- AND
24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F**

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
26-GA	24-GA	BW	HT	SL			
WL= 18.0							
8.0	10.0	14	7	3	1.9	7.8	1185.6
9.0	9.0	14	7	3	1.9	8.0	1217.0
10.0	8.0	14	7	3	1.9	8.1	1248.5
11.0	7.0	14	7	3	1.9	8.2	1279.9
12.0	6.0	14	7	3	1.9	8.3	1311.4
13.0	5.0	14	7	3	1.9	8.4	1342.8
14.0	4.0	14	7	3	1.9	8.6	1374.2
15.0	3.0	14	8	2	1.6	8.7	1405.7
16.0	2.0	14	8	2	1.6	8.8	1437.1
17.0	1.0	14	8	2	1.6	9.0	1468.6
WL= 19.0							
1.0	18.0	14	7	3	1.9	7.3	1017.4
2.0	17.0	14	7	3	1.9	7.5	1048.9
3.0	16.0	14	7	3	1.9	7.6	1080.3
4.0	15.0	14	7	3	1.9	7.8	1111.7
5.0	14.0	14	7	3	1.9	7.9	1143.2
6.0	13.0	14	8	2	1.6	8.0	1174.6
7.0	12.0	14	8	2	1.6	8.1	1206.1
8.0	11.0	14	8	2	1.6	8.3	1237.5
9.0	10.0	14	8	2	1.6	8.4	1268.9
10.0	9.0	14	8	2	1.6	8.5	1300.4
11.0	8.0	14	7	4	2.4	8.6	1331.8
12.0	7.0	14	7	4	2.4	8.7	1363.3
13.0	6.0	14	7	4	2.4	8.8	1394.7
14.0	5.0	14	7	4	2.4	9.0	1426.1
15.0	4.0	14	7	4	2.4	9.1	1457.6
16.0	3.0	14	7	4	2.4	9.2	1489.0
17.0	2.0	14	9	2	1.7	9.4	1520.5
18.0	1.0	14	8	3	2.1	9.5	1551.9
WL= 20.0							
1.0	19.0	14	8	2	1.6	7.7	1069.3
2.0	18.0	14	7	4	2.4	7.9	1100.8
3.0	17.0	14	7	4	2.4	8.0	1132.2
4.0	16.0	14	7	4	2.4	8.2	1163.6
5.0	15.0	14	7	4	2.4	8.3	1195.1
6.0	14.0	14	7	4	2.4	8.4	1226.5
7.0	13.0	14	7	4	2.4	8.6	1258.0
8.0	12.0	14	7	4	2.4	8.7	1289.4
9.0	11.0	14	7	4	2.4	8.8	1320.8
10.0	10.0	14	8	3	2.1	8.9	1352.3
11.0	9.0	14	8	3	2.1	9.0	1383.7
12.0	8.0	14	8	3	2.1	9.1	1415.2
13.0	7.0	14	8	3	2.1	9.2	1446.6
14.0	6.0	14	8	3	2.1	9.4	1478.0
15.0	5.0	14	8	3	2.1	9.5	1509.5
16.0	4.0	14	8	3	2.1	9.6	1540.9
17.0	3.0	14	8	3	2.1	9.8	1572.3
18.0	2.0	13	8	4	2.3	9.9	1603.8

TABLE VV (Contd)

EQUALIZER SETTINGS FOR MIXED 26- AND
24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
26-GA	24-GA	BW	HT	SL			
WL= 20.0							
19.0	1.0	14	8	4	2.5	10.0	1635.2
WL= 21.0							
1.0	20.0	14	7	4	2.4	8.1	1121.2
2.0	19.0	14	8	3	2.1	8.3	1152.7
3.0	18.0	14	8	3	2.1	8.4	1184.1
4.0	17.0	14	8	3	2.1	8.6	1215.5
5.0	16.0	14	8	3	2.1	8.7	1247.0
6.0	15.0	14	7	5	2.8	8.9	1278.4
7.0	14.0	14	7	5	2.8	9.0	1309.8
8.0	13.0	14	7	5	2.8	9.1	1341.3
9.0	12.0	14	7	5	2.8	9.2	1372.7
10.0	11.0	14	7	5	2.8	9.3	1404.2
11.0	10.0	14	8	4	2.5	9.4	1435.6
12.0	9.0	14	8	4	2.5	9.6	1467.0
13.0	8.0	14	8	4	2.5	9.7	1498.5
14.0	7.0	14	8	4	2.5	9.8	1529.9
15.0	6.0	14	8	4	2.5	9.9	1561.4
16.0	5.0	14	8	4	2.5	10.0	1592.8
17.0	4.0	14	8	4	2.5	10.2	1624.2
18.0	3.0	14	8	4	2.5	10.3	1655.7
19.0	2.0	13	8	5	2.8	10.4	1687.1
20.0	1.0	14	8	5	3.0	10.6	1718.6
WL= 22.0							
1.0	21.0	14	7	5	2.8	8.5	1173.1
2.0	20.0	14	7	5	2.8	8.7	1204.5
3.0	19.0	14	7	5	2.8	8.9	1236.0
4.0	18.0	14	7	6	3.3	9.0	1267.4
5.0	17.0	14	8	4	2.5	9.2	1298.9
6.0	16.0	14	8	4	2.5	9.3	1330.3
7.0	15.0	14	8	4	2.5	9.4	1361.7
8.0	14.0	14	8	4	2.5	9.5	1393.2
9.0	13.0	14	8	4	2.5	9.6	1424.6
10.0	12.0	14	8	4	2.5	9.8	1456.1
11.0	11.0	14	8	4	2.5	9.9	1487.5
12.0	10.0	14	8	4	2.5	10.0	1518.9
13.0	9.0	14	8	5	3.0	10.1	1550.4
14.0	8.0	14	8	5	3.0	10.2	1581.8
15.0	7.0	14	8	5	3.0	10.3	1613.3
16.0	6.0	14	9	4	2.7	10.4	1644.7
17.0	5.0	14	9	4	2.7	10.6	1676.1
18.0	4.0	14	9	4	2.7	10.7	1707.6
19.0	3.0	14	9	4	2.7	10.8	1739.0
20.0	2.0	14	9	4	2.7	11.0	1770.5
21.0	1.0	14	8	6	3.5	11.1	1801.9
WL= 23.0							
1.0	22.0	14	8	4	2.5	9.0	1225.0
2.0	21.0	14	8	4	2.5	9.1	1256.4

TABLE VV (Contd)

**EQUALIZER SETTINGS FOR MIXED 26- AND
24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F**

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
26-GA	24-GA	BW	HT	SL			
WL= 23.0							
3.0	20.0	14	8	4	2.5	9.3	1287.9
4.0	19.0	14	8	4	2.5	9.5	1319.3
5.0	18.0	14	8	4	2.5	9.6	1350.8
6.0	17.0	14	8	5	3.0	9.7	1382.2
7.0	16.0	14	8	5	3.0	9.8	1413.6
8.0	15.0	14	8	5	3.0	10.0	1445.1
9.0	14.0	14	8	5	3.0	10.1	1476.5
10.0	13.0	14	8	5	3.0	10.2	1508.0
11.0	12.0	14	9	4	2.7	10.3	1539.4
12.0	11.0	14	9	4	2.7	10.4	1570.8
13.0	10.0	14	9	4	2.7	10.5	1602.3
14.0	9.0	14	8	6	3.5	10.6	1633.7
15.0	8.0	14	8	6	3.5	10.7	1665.2
16.0	7.0	14	9	5	3.1	10.8	1696.6
17.0	6.0	14	9	5	3.1	11.0	1728.0
18.0	5.0	14	9	5	3.1	11.1	1759.5
19.0	4.0	14	9	5	3.1	11.2	1790.9
20.0	3.0	14	10	4	2.8	11.4	1822.3
21.0	2.0	14	10	4	2.8	11.5	1853.8
22.0	1.0	14	10	4	2.8	11.7	1885.2
WL= 24.0							
1.0	23.0	14	8	5	3.0	9.4	1276.9
2.0	22.0	14	8	5	3.0	9.6	1308.3
3.0	21.0	14	8	5	3.0	9.7	1339.8
4.0	20.0	14	8	5	3.0	9.9	1371.2
5.0	19.0	14	8	5	3.0	10.0	1402.7
6.0	18.0	14	8	5	3.0	10.2	1434.1
7.0	17.0	14	8	6	3.5	10.3	1465.5
8.0	16.0	14	8	6	3.5	10.4	1497.0
9.0	15.0	14	8	6	3.5	10.5	1528.4
10.0	14.0	14	8	6	3.5	10.6	1559.8
11.0	13.0	14	9	5	3.1	10.7	1591.3
12.0	12.0	14	9	5	3.1	10.8	1622.7
13.0	11.0	14	9	5	3.1	10.9	1654.2
14.0	10.0	14	10	4	2.8	11.1	1685.6
15.0	9.0	14	10	4	2.8	11.2	1717.0
16.0	8.0	14	9	6	3.6	11.3	1748.5
17.0	7.0	14	9	6	3.6	11.4	1779.9
18.0	6.0	14	9	6	3.6	11.5	1811.4
19.0	5.0	14	9	6	3.6	11.6	1842.8
20.0	4.0	14	10	5	3.3	11.8	1874.2
21.0	3.0	14	10	5	3.3	11.9	1905.7
22.0	2.0	14	10	5	3.3	12.1	1937.1
23.0	1.0	14	10	5	3.3	12.2	1968.6
WL= 25.0							
1.0	24.0	14	8	6	3.5	9.8	1328.8
2.0	23.0	14	8	6	3.5	10.0	1360.2
3.0	22.0	14	8	6	3.5	10.2	1391.7

TABLE VV (Contd)

EQUALIZER SETTINGS FOR MIXED 26- AND
24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
26-GA	24-GA	BW	HT	SL			
WL= 25.0							
4.0	21.0	14	8	6	3.5	10.3	1423.1
5.0	20.0	14	9	5	3.1	10.5	1454.5
6.0	19.0	14	9	5	3.1	10.6	1486.0
7.0	18.0	14	9	5	3.1	10.7	1517.4
8.0	17.0	14	9	5	3.1	10.8	1548.9
9.0	16.0	14	8	7	4.1	10.9	1580.3
10.0	15.0	14	8	7	4.1	11.1	1611.7
11.0	14.0	14	9	6	3.6	11.2	1643.2
12.0	13.0	14	9	6	3.6	11.3	1674.6
13.0	12.0	14	9	6	3.6	11.4	1706.1
14.0	11.0	14	10	5	3.3	11.5	1737.5
15.0	10.0	14	10	5	3.3	11.6	1768.9
16.0	9.0	14	10	5	3.3	11.7	1800.4
17.0	8.0	14	10	5	3.3	11.8	1831.8
18.0	7.0	14	9	7	4.2	11.9	1863.3
19.0	6.0	14	10	6	3.8	12.1	1894.7
20.0	5.0	14	10	6	3.8	12.2	1926.1
21.0	4.0	14	10	6	3.8	12.3	1957.6
22.0	3.0	14	10	6	3.8	12.5	1989.0
23.0	2.0	14	10	6	3.8	12.6	2020.5
24.0	1.0	14	10	6	3.8	12.8	2051.9
WL= 26.0							
1.0	25.0	14	9	5	3.1	10.3	1380.7
2.0	24.0	14	8	7	4.1	10.4	1412.1
3.0	23.0	14	8	7	4.1	10.6	1443.6
4.0	22.0	14	8	7	4.1	10.8	1475.0
5.0	21.0	14	9	6	3.6	10.9	1506.4
6.0	20.0	14	9	6	3.6	11.0	1537.9
7.0	19.0	14	9	6	3.6	11.2	1569.3
8.0	18.0	14	9	6	3.6	11.3	1600.8
9.0	17.0	14	9	6	3.6	11.4	1632.2
10.0	16.0	14	10	5	3.3	11.5	1663.6
11.0	15.0	14	9	7	4.2	11.6	1695.1
12.0	14.0	14	9	7	4.2	11.7	1726.5
13.0	13.0	14	9	7	4.2	11.8	1758.0
14.0	12.0	14	10	6	3.8	11.9	1789.4
15.0	11.0	14	10	6	3.8	12.0	1820.8
16.0	10.0	14	10	6	3.8	12.1	1852.3
17.0	9.0	14	11	5	3.5	12.2	1883.7
18.0	8.0	14	11	5	3.5	12.4	1915.2
19.0	7.0	14	11	5	3.5	12.5	1946.6
20.0	6.0	14	10	7	4.3	12.6	1978.0
21.0	5.0	14	10	7	4.3	12.7	2009.5
22.0	4.0	14	10	7	4.3	12.9	2040.9
23.0	3.0	13	10	9	4.8	13.0	2072.3
24.0	2.0	14	11	6	4.0	13.1	2103.8
25.0	1.0	14	11	6	4.0	13.3	2135.2
WL= 27.0							

TABLE VV (Contd)

**EQUALIZER SETTINGS FOR MIXED 26- AND
24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F**

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
26-GA	24-GA	BW	HT	SL			
WL = 27.0							
1.0	26.0	14	9	6	3.6	10.7	1432.6
2.0	25.0	14	9	6	3.6	10.9	1464.0
3.0	24.0	14	9	6	3.6	11.0	1495.5
4.0	23.0	14	9	7	4.2	11.2	1526.9
5.0	22.0	14	9	7	4.2	11.3	1558.3
6.0	21.0	14	9	7	4.2	11.5	1589.8
7.0	20.0	14	9	7	4.2	11.6	1621.2
8.0	19.0	14	9	7	4.2	11.7	1652.7
9.0	18.0	14	9	7	4.2	11.8	1684.1
10.0	17.0	14	10	6	3.8	11.9	1715.5
11.0	16.0	14	10	6	3.8	12.0	1747.0
12.0	15.0	14	10	6	3.8	12.2	1778.4
13.0	14.0	14	9	9	5.0	12.3	1809.8
14.0	13.0	14	10	7	4.3	12.4	1841.3
15.0	12.0	14	10	7	4.3	12.5	1872.7
16.0	11.0	14	10	7	4.3	12.6	1904.2
17.0	10.0	14	11	6	4.0	12.7	1935.6
18.0	9.0	14	11	6	4.0	12.8	1967.0
19.0	8.0	14	11	6	4.0	12.9	1998.5
20.0	7.0	14	11	6	4.0	13.0	2029.9
21.0	6.0	13	10	10	5.2	13.1	2061.4
22.0	5.0	13	11	8	4.5	13.3	2092.8
23.0	4.0	13	11	8	4.5	13.4	2124.2
24.0	3.0	14	11	7	4.5	13.6	2155.7
25.0	2.0	14	11	7	4.5	13.7	2187.1
26.0	1.0	14	11	7	4.5	13.9	2218.6
WL = 28.0							
1.0	27.0	14	9	7	4.2	11.1	1484.5
2.0	26.0	14	9	7	4.2	11.3	1515.9
3.0	25.0	14	9	8	4.5	11.5	1547.3
4.0	24.0	14	9	8	4.5	11.6	1578.8
5.0	23.0	14	9	8	4.5	11.8	1610.2
6.0	22.0	14	9	8	4.5	11.9	1641.7
7.0	21.0	14	9	8	4.5	12.0	1673.1
8.0	20.0	14	9	9	5.0	12.2	1704.5
9.0	19.0	14	9	9	5.0	12.3	1736.0
10.0	18.0	14	10	7	4.3	12.4	1767.4
11.0	17.0	14	10	7	4.3	12.5	1798.9
12.0	16.0	14	10	7	4.3	12.6	1830.3
13.0	15.0	14	10	8	4.7	12.7	1861.7
14.0	14.0	14	10	8	4.7	12.8	1893.2
15.0	13.0	13	10	10	5.2	12.9	1924.6
16.0	12.0	14	10	9	5.1	13.0	1956.1
17.0	11.0	14	11	7	4.5	13.1	1987.5
18.0	10.0	14	11	7	4.5	13.2	2018.9
19.0	9.0	14	11	7	4.5	13.3	2050.4
20.0	8.0	13	11	9	4.9	13.5	2081.8
21.0	7.0	13	11	9	4.9	13.6	2113.3
22.0	6.0	13	11	9	4.9	13.7	2144.7

TABLE VV (Contd)

EQUALIZER SETTINGS FOR MIXED 26- AND
24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
26-GA	24-GA	BW	HT	SL			
WL = 28.0							
23.0	5.0	13	11	10	5.3	13.8	2176.1
24.0	4.0	13	11	10	5.3	14.0	2207.6
25.0	3.0	13	11	10	5.3	14.1	2239.0
26.0	2.0	13	11	10	5.3	14.3	2270.5
27.0	1.0	13	11	11	5.8	14.4	2301.9
WL = 29.0							
1.0	28.0	14	9	8	4.5	11.6	1536.4
2.0	27.0	14	9	9	5.0	11.8	1567.8
3.0	26.0	14	10	7	4.3	11.9	1599.2
4.0	25.0	14	10	7	4.3	12.1	1630.7
5.0	24.0	14	10	7	4.3	12.2	1662.1
6.0	23.0	14	10	7	4.3	12.4	1693.6
7.0	22.0	14	10	7	4.3	12.5	1725.0
8.0	21.0	14	10	8	4.7	12.6	1756.4
9.0	20.0	14	10	8	4.7	12.7	1787.9
10.0	19.0	14	10	8	4.7	12.8	1819.3
11.0	18.0	14	10	8	4.7	12.9	1850.8
12.0	17.0	14	10	9	5.1	13.0	1882.2
13.0	16.0	14	11	7	4.5	13.1	1913.6
14.0	15.0	14	11	7	4.5	13.3	1945.1
15.0	14.0	14	11	7	4.5	13.4	1976.5
16.0	13.0	14	11	8	4.9	13.5	2008.0
17.0	12.0	14	11	8	4.9	13.6	2039.4
18.0	11.0	13	11	10	5.3	13.7	2070.8
19.0	10.0	13	11	10	5.3	13.8	2102.3
20.0	9.0	13	11	11	5.8	13.9	2133.7
21.0	8.0	13	11	11	5.8	14.0	2165.2
22.0	7.0	13	11	12	6.2	14.1	2196.6
23.0	6.0	14	12	7	4.7	14.3	2228.0
24.0	5.0	14	12	7	4.7	14.4	2259.5
25.0	4.0	13	12	9	5.1	14.5	2290.9
26.0	3.0	13	12	9	5.1	14.7	2322.3
27.0	2.0	13	12	9	5.1	14.8	2353.8
28.0	1.0	14	12	8	5.1	15.0	2385.2
WL = 30.0							
1.0	29.0	14	10	7	4.3	12.0	1588.3
2.0	28.0	14	10	8	4.7	12.2	1619.7
3.0	27.0	14	10	8	4.7	12.4	1651.1
4.0	26.0	14	10	8	4.7	12.5	1682.6
5.0	25.0	14	10	8	4.7	12.7	1714.0
6.0	24.0	14	10	8	4.7	12.8	1745.5
7.0	23.0	14	10	9	5.1	12.9	1776.9
8.0	22.0	14	10	9	5.1	13.1	1808.3
9.0	21.0	14	10	9	5.1	13.2	1839.8
10.0	20.0	14	11	7	4.5	13.3	1871.2
11.0	19.0	14	11	7	4.5	13.4	1902.7
12.0	18.0	14	11	8	4.9	13.5	1934.1
13.0	17.0	14	11	8	4.9	13.6	1965.5

TABLE VV (Contd)

EQUALIZER SETTINGS FOR MIXED 26- AND
24-GAUGE NONLOADED CABLE WITHOUT BRIDGED TAP AT 68°F

NL/L = NL
INPUT IMPEDANCE = 600 OHMS
CABLE TERMINATION = 600 OHMS

LENGTH (KFT)		EQUALIZER SETTINGS			EQUALIZER GAIN (DB)	1-KHZ CABLE LOSS (DB)	DC CABLE RES (OHMS)
26-GA	24-GA	BW	HT	SL			
WL = 30.0							
14.0	16.0	14	11	8	4.9	13.7	1997.0
15.0	15.0	13	11	10	5.3	13.8	2028.4
16.0	14.0	13	11	11	5.8	13.9	2059.8
17.0	13.0	13	11	12	6.2	14.0	2091.3
18.0	12.0	14	12	7	4.7	14.1	2122.7
19.0	11.0	13	12	9	5.1	14.2	2154.2
20.0	10.0	13	12	9	5.1	14.3	2185.6
21.0	9.0	13	12	10	5.5	14.4	2217.0
22.0	8.0	13	12	10	5.5	14.6	2248.5
23.0	7.0	13	12	10	5.5	14.7	2279.9
24.0	6.0	13	12	10	5.5	14.8	2311.4
25.0	5.0	13	12	11	5.9	14.9	2342.8
26.0	4.0	13	12	11	5.9	15.1	2374.2
27.0	3.0	13	12	11	5.9	15.2	2405.7
28.0	2.0	13	12	12	6.3	15.4	2437.1