

Equipment Losses at Carrier Frequencies

MISCELLANEOUS LINE EQUIPMENT

Type of Equipment	Circuit Layout Code	Loss in db at Frequency of						
		6kc	9kc	11kc	14kc	27kc	80kc	140kc
		D(W-E) H(W-E) B(W-E)	D(E-W) H(E-W)	B(E-W)	C(E-W)	C(W-E)	J(W-E)	J(E-W)
<u>Carrier Line Filter Sets *</u>								
18-Type	3K18	0.3	0.2	0.2	0.2	0.2	-	-
28-Type	3K28	0.4	0.4	0.4	-	-	-	-
36-Type	3K	0.3	0.2	0.2	0.2	0.2	-	-
51 or 121-type	5K	-	0.3	0.2	0.2	0.2	0.1	0.1
85-Type	3K85	0.2	0.2	0.2	0.2	0.2	-	-
102-Type	34KL	0.2	0.2	0.2	0.3	0.4	0.4	0.4
Bridged Station Filter	BSF	0.0	0.0	0.0	0.0	0.0	-	-
<u>Junction Filter - Pole Mtd.</u> (Incl. cable matching network)								
3kc type on 13 ga.	3J	3.1	2.5	2.3	2.1	1.6	1.5	1.5
" " " 16 "	"	3.9	3.2	2.9	2.6	1.8	1.5	1.5
" " " 19 "	"	4.9	3.9	3.5	3.0	2.1	1.5	1.5
5kc type on 13 ga.	5J	-	2.2	1.9	1.7	1.2	1.1	1.1
" " " 16 "	"	-	2.8	2.5	2.2	1.4	1.1	1.1
" " " 19 "	"	-	3.5	3.1	2.6	1.7	1.1	1.1
<u>Junction Filter - Office Mtd. †</u>								
3 or 5kc type on 13 ga.	3KJ	1.0	0.7	0.6	0.6	0.5	0.4	0.4
" " " " " 16 "	or	1.1	0.8	0.8	0.7	0.7	0.5	0.6
" " " " " 19 "	5KJ	1.2	1.0	0.9	0.9	0.8	0.6	0.7
<u>D-C Composite Sets</u>								
All types	See Data sheet .031	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<u>Repeating Coils</u>								
74C	-	0.4	0.4	0.4	0.4	0.5	-	-
107A	-	0.4	0.4	0.4	0.4	0.5	-	-
111C	-	0.6	0.6	0.6	0.6	0.9	-	-
123A	-	0.4	0.4	0.4	0.4	0.5	0.8	1.3
146A	-	0.2	0.2	0.2	0.2	0.2	0.4	0.5
146H	-	0.4	0.4	0.4	0.3	0.3	0.4	0.9
D86403	-	0.4	0.4	0.4	0.4	0.5	-	-
<u>Auto Transformers</u>								
24A	-	0.5	0.5	0.5	0.5	0.5	0.6	0.8
D89175, D96045 and similar older carrier types	-	0.5	0.5	0.5	0.5	0.5	-	-
<u>Miscellaneous Equipment</u>								
Longitudinal retard coils	-	0.1	0.1	0.1	0.1	0.1	0.1	-
15kc Crosstalk Suppression Filter	SFL	0.2	0.3	0.5	1.3	-	-	-
31kc Crosstalk Suppression Filter	SFH	0.2	0.2	0.2	0.2	0.4	-	-

* Side circuit balancing network loss same as corresponding filter.

† Including office cable matching network and 3K or 5K line filter but not including loss of 34 KL filter.