Equipment Losses at 1000 Cycles

MISCELLANEOUS CARRIER EQUIPMENT

Type of Filter or Equivalent	Approx. Top Frequency	Circuit Layout Code	Loss in db to Side	Loss in db to Phantom
Carrier Line Filters in Side Circuit ø				
18	3kc	3K18	0.1	0.1
36	3kc	3K	0.3	0.1*
28	3kc	3K28	0.4	0.1
85	3kc	3K85	0.2	0.1
51 or 121	5kc	5K	0.3	0.1*
64	8kc	8K	0.5	-
102	34kc	34KL	øø	-
133 Bridged Station Filter.		BSF	0.1	0.1
Junction Filters in Side Circuit				
Pole Mtd.	3kc	3J	0.3	0.1**
" "	5kc	5J	0.3	0.1**
Office Mtd. Filter req'd to supplement Junction Filter	3kc	3KJ	0.3	0.1*
	5kc	5KJ	0.3	0.1*
Crosstalk Suppression Filters				
99	31kc	SFH	0.2	0.1
105	15kc	SFL	0.2	0.1
Longitudinal Retardation Coils (Type J)				
Any	-	-	0.1	0.1
Longitudinal Noise Suppression Filters (Type K Carrier)				
81A	-	81A	0.2	0.2
81B	-	81B	0.1	0.1
81C	-	81C	0.1	-
81D	-	81D	0.1	-
Type J Alarm and Talking Equipment				
Monitoring Condition		AS	0.1	-
Talking Condition		AS	1.5	-

Notes:

*When a 3K filter or a 3KJ office unit is used on one side of a phantom group and a 5K filter or a 5KJ office unit on the other side, the loss to the phantom circuit is 0.1 db.

**When a 3J filter is used on one side of a phantom group and a 5J filter on the other side, the loss to the phantom circuit is 0.1 db.

øA network used in one side circuit to balance a carrier line filter in the opposite side has the same loss as the corresponding filter.

øøLoss varies with impedance for which filter is strapped, as follows:

Filter Strapping - Ohms	500	510	520	530-560	570	580	590	600
Loss in db	.75	.55	.35	.07	.14	.21	.28	.35