

Equipment Losses at 1000 Cycles

4-WIRE REPEATING COILS AND ASSOCIATED EQUIPMENT

Equipment Designed for Use with 44-A-1 Repeaters

Type Circuit	Circuit Layout Code		Loss in db*			
			Side Circuit		Phantom Circuit	
	Input	Output	Input	Output	Input	Output
<u>Composited Circuits</u>						
H-44-25	IPCE	OPCE	0.8	0.7	1.1	1.1
H-88-50	IPCE**	OPCE**	0.6	0.6	0.8	0.8
H-172-63	IPC3	OPC3	0.5	0.5	1.0	1.0
H-174-106	IPC6	OPC6	0.5	0.5	0.8	0.8
<u>Noncomposited Circuits</u>						
H-44-25	IPE	OPE	0.8	0.7	1.1	1.1
H-88-50	IPE	OPE**	0.6	0.6	0.8	0.8
H-172-63	IP3	OP3	0.4	0.4	0.9	0.9
H-174-106	IP6	OP6	0.4	0.4	0.7	0.7

* Includes losses due to repeating coils, Type C composite sets and equalizers when present.

** Equalizer disconnected.

173 Type Repeating Coil Equipment Designed
for Use with V-1 Repeaters

Type Circuit	Circuit Layout Code		Loss in db*			
			Side Circuit		Phantom Circuit	
	Input	Output	Input	Output	Input	Output
<u>Composited Circuits</u>						
H-44-25	IPV4C	OPV4	3.6	0.6	3.2	0.9
H-88-50	IPV8C	OPV8	2.6	0.6	3.0	0.6
H-172-63	IPV3C	OPV3	3.8	0.5	4.2	0.8
<u>Noncomposited Circuits</u>						
H-44-25	IPV4	OPV4	3.6	0.6	3.2	0.9
H-88-50	IPV8	OPV8	2.6	0.6	3.0	0.6
H-172-63	IPV3	OPV3	3.8	0.5	4.2	0.8
<u>Order Wires</u>						
Express type H-44-25	IV4KL	OV4KL	4.1	0.6	3.2	0.9
Local type H-44-25	IV4KS	OV4KS	0.7	0.6	0.9	0.9

* Includes losses due to repeating coils, Type C composite sets and equalizers. When equalizers are omitted, input loss is about the same as the output loss.