Equipment Losses at 1000 Cycles

V-1 HYBRID REPEATING COILS - OPEN WIRE

Facility			Circuit Layout Code	Loss ø	
Type	Composite Sets (E-type used for 20~ Sig.)	Carrier Line Filters on Side		Input øø	Output
Side	E on S	No	173AD	5.5	3.6
Side	None	No	173AD	6.5	3.6
Phantom	E on S and P	No	173DD	4.0	3.9
Phantom	E on P, none on S	No	173DD	6.8	3.9
Phantom	None on P, E on S	No	173DD	5.5	3.9
Phantom	None on S or P	No	173DD	6.8	3.9
Side	E on S	Yes	173AD*	5.8	3.9
Side	None	Yes	173AD*	6.8	3.9
Phantom	E on S and P	Yes	173AD	4.2	4.1
Phantom	E on P, none on S	Yes	173DD	7.0	4.1
Phantom	None on P, E on S	Yes	173DD	5.8	4.1
Phantom	None on S or P	Yes	173DD	7.0	4.1
Side	A or C on S	No	173AD	6.5	3.8
Phantom	A or C on S	No	173DD	6.8	4.0
Phantom**	A or C on P	No	173DD	6.5	3.8
Phantom***	A or C on P	No	173DD	4.1	4.0
Side	A or C on S	Yes	173AD*	6.8	4.1
Phantom	A or C on S	Yes	173DD	7.0	4.2
Phantom**	A or C on P	Yes	173DD	6.7	4.0
Phantom***	A or C on P	Yes	173DD	4.3	4.2

* With 128C filter code is 173AC.

** With 135-cycle signaling on phantom; 135 or 1000-cycle signaling on side.

*** With 1000-cycle signaling on phantom; 135 or 1000-cycle signaling on side.

ø Values include losses due to carrier line filters, composite sets and voice frequency filters as indicated and also equalizers and signaling units.

øø The input losses are given for equalization for copper line facilities. For copper-steel and 080 copper line circuits, increase input line equipment loss by .5 db. For steel line circuits, increase input line equipment loss by 3.5 db. If equalizer and filter are omitted, the input loss is about the same as the output loss indicated above and H is used as the last letter of circuit layout code.

Note: With 173-type hybrid repeating coils on the side and 93 or 62-type repeating coils on the phantom use losses for phantom circuit from data sheet 033.

With 93 or 62-type repeating coils on the side and 173-type hybrid repeating coils on the phantom use losses indicated on this table for phantom circuits.