

Equipment Losses at 1000 Cycles

HYBRID REPEATING COILS - NO. 4 TOLL SWITCHING SYSTEM

Facility	Circuit Layout Code	Loss in db*
16 ga. H-44-S	173AH	0.8
16 ga. H-25-P	173DH	0.8
16 or 19 ga. H-88-S	173BH	1.0
16 or 19 ga. H-50-P	173AH	1.3
19 ga. B-88-S	173CH	1.1
19 ga. B-50-P	173BH	1.4
16 or 19 ga. H-172-S	173CH	1.2+
16 or 19 ga. H-63-P	173AH	1.4+
19 ga. H-106-P	173BH	1.2+
Trunk using 1.5: 1 ratio	120PHZ	0.4 ϕ
Trunk using 2.5: 1 ratio	120PHY	0.4 ϕ

The above losses apply only on "high-loss" circuits and toll connecting trunks when in the terminating condition, i.e., terminated in a "THL" test hybrid.

* Values include losses due to Type E composite sets when employed, filters, (input and output shunt condensers) and equalizers (special for #4 office). For Type A or C composite sets add 0.1 db to these figures.

+ When high-frequency attenuating condenser (about .1 mf) is bridged across each 4-wire branch, the loss is increased by about .2 db. In this case circuit layout code has suffix .1.

ϕ See data sheet .050 for losses when 120-type hybrid repeating coils are used as 4-wire terminating set.