EQUIPMENT LOSSES AT 1000 CYCLES

HYBRID REPEATING COILS - 2-WIRE CABLE CIRCUITS

Facility	Signaling and Compositing Arrangements			Circuit Layout Code ∮	Loss in db*	
	Signaling on S	Signaling on P	CX Sets		Input #,	Output
16 ga. H44S	20 cycle		None	173 AHD	5.5	3.8
	135 or 1000		None	173 AHD	6.8	3.8
	135, 1000 or CX		Type E	173 AHD	5.5	3.8
	135, 1000 or CX		Type A or C	173 AHD	6.9	3.9
16 ga. H25P	20 cycle	20 cycle	None	173 DHD	6.9	3.9
	135, 1000 or CX	20 "	None or Type E on S	173 DHD	5.6	3.9
	135, 1000 or CX	20 "	Type A or C on S	173 DHD	5.7	4.0
	20	135, 1000 or CX	None or Type E on P	173 DHD	5.6	3.9
	20	135, 1000 or CX	Type A or C on P	173 DHD	5.7	4.0
	135 or 1000	135 or 1000	None	173 DHD	6.9	3.9
	135, 1000 or CX	135, 1000 or CX	Type E on S	173 DHD	5.6	3.9
	135, 1000 or CX	135, 1000 or CX	Type A or C on S	173 DHD	5.7	4.0
19 ga. H44S	Any arrangement			173 AHD	6.3	3.8
19 ga. H25P	"	"		173 DHD	7.2	4.2
16 or 19ga. H88S	"	"		173 BHD	4.5	3.6
16 or 19ga. H50P	"	"		173 AHD	4.6	4.0
19 ga. B88S	"	"		173 CHD	4.5	3.6
19 ga. B50P	"	"		173 BHD	4.6	4.0
16 or 19ga. H172S	"	"		173 CHB	4.5	3.6
16 or 19ga. H63P	"	"		173 AHC	4.6	4.0
19 ga. H106P	"	"		173 BHB	4.6	4.0
19 ga. B135	"	"		173 CHD	4.5	3.6

* These are insertion losses between line and repeater impedances. Included are losses due to composite sets (if used , voice frequency filters, equalizers and signaling units.

∮ The circuit layout code indicates the type of filter normally used with the corresponding facility. The loss is the same for other types of filters.

If equalizer or equalizer and filter are omitted, the input loss is about the same as the output loss indicated above. If the filter only is omitted, the input loss is about the same as indicated above.