

JUNCTION RETURN LOSSES
BETWEEN LOADED FACILITIES

		Normal Junction Section Return Losses														
		LC H175	HC H135	HC M88	LC H135	LC M88	HC H88	LC H88	LC B175	HC B135	HC D88	LC B135	LC D88	HC H44	HC B88	LC H44
HC	H135	17.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HC	M88	9.6	13.3	-	-	-	-	-	-	-	-	-	-	-	-	-
LC	H135	18.4	29.3	12.3	-	-	-	-	-	-	-	-	-	-	-	-
LC	M88	9.9	14.1	19.8	13.6	-	-	-	-	-	-	-	-	-	-	-
HC	H88	10.4	14.8	22.4	14.4	21.0	-	-	-	-	-	-	-	-	-	-
LC	H88	10.9	15.8	19.7	15.4	18.9	29.5	-	-	-	-	-	-	-	-	-
LC	B175	16.2	11.2	7.3	12.9	7.8	8.3	9.3	-	-	-	-	-	-	-	-
HC	B135	23.8	16.3	9.6	19.5	10.5	11.8	12.7	17.8	-	-	-	-	-	-	-
HC	D88	11.6	17.0	17.5	16.5	18.5	24.2	28.4	9.6	13.7	-	-	-	-	-	-
LC	B135	21.0	13.7	8.5	15.9	9.1	10.2	11.0	19.7	24.9	12.0	-	-	-	-	-
LC	D88	13.0	20.2	15.5	19.3	16.2	20.3	23.4	10.3	14.7	22.0	13.6	-	-	-	-
HC	H44	6.2	8.5	14.8	8.3	14.0	13.6	11.8	5.1	6.8	11.2	6.2	10.0	-	-	-
HC	B88	14.2	23.1	12.5	22.0	14.4	15.7	17.3	11.0	15.9	19.4	14.0	27.2	9.7	-	-
LC	H44	6.8	9.1	16.5	9.0	15.2	15.0	12.5	5.5	7.1	12.0	6.5	10.5	28.4	10.2	-
LC	B88	15.8	20.5	12.0	25.3	12.6	14.8	16.3	12.0	17.8	18.2	14.8	20.8	9.3	23.7	9.7

The return loss values in this table are based on midsection impedances of typical grades of plant at either 1000 cycles or at a frequency near the critical frequency of the lower cutoff facility according to which return loss is lower. The designation HC indicates cable with a capacitance of 0.075 mf per mile or greater and LC cable with a capacitance less than 0.075 mf per mile.

JUNCTION SECTION RETURN LOSS VS LENGTH CHART

