

JUNCTION RETURN LOSSES
BETWEEN LOADED FACILITIES

| | | Normal Junction Section Return Losses | | | | | | | | | | | | | | |
|----|------|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| | | LC | HC | HC | LC | LC | HC | LC | LC | HC | HC | LC | LC | HC | HC | LC |
| | | H175 | H135 | M88 | H135 | M88 | H88 | H88 | B175 | B135 | D88 | B135 | D88 | H44 | B88 | 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.

