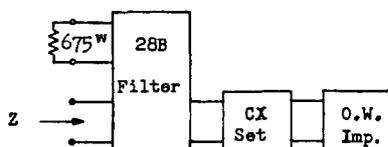


Intermediate Equipment Return Loss

28B (30B) Filter



104 Side - 12" Spacing

Freq.	With CX		Without CX	
	Z	R.L.	Z	R.L.
200	1082 / 56.3	14	743 / 39.3	15
300	674 / 50.4	12	590 / 30.4	14
500	427 / 27.2	11	505 / 13.8	14
1000	535 / 11.3	13	582 / 5.4	16
1500	706 / 4.1	20	640 / 0	22
2000	632 / 5.0	31	623 / 0.5	24
2200	608 / 3.3	26	640 / 0.4	26
2500	624 / 3.2	29	661 / 5.2	40+
2900	570 / 7.6	22	540 / 8.2	19
3000	541 / 2.1	20	520 / 1.1	19

128 Side - 12" Spacing

200	961 / 54.3	12	681 / 30.0	20
300	622 / 46.3	13	588 / 22.0	18
500	429 / 21.2	13	511 / 9.0	18
1000	573 / 9.6	16	620 / 0.9	21
1500	692 / 1.3	26	626 / 2.8	31
2000	601 / 3.8	31	600 / 1.0	25
2200	595 / 1.5	28	630 / 1.4	26
2500	600 / 2.2	30	682 / 4.6	29
2900	566 / 10.7	21	532 / 9.2	19
3000	521 / 3.3	20	500 / 1.7	19

165 Side - 12" Spacing

200	844 / 53.7	11	629 / 21.5	24
300	563 / 41.0	13	593 / 16.6	25
500	440 / 15.2	15	584 / 3.4	23
1000	607 / 8.4	19	660 / 1.7	26
1500	686 / 3.3	24	612 / 5.2	38
2000	580 / 3.1	33	576 / 2.9	25
2200	595 / 1.5	28	632 / 5.0	23
2500	675 / 0.8	25	719 / 2.8	21
2900	566 / 10.7	22	538 / 12.9	19
3000	511 / 3.9	21	485 / 1.8	20

- Notes: 1. The impedance values Z are measurements on typical filters terminated in precision networks for the type of facility indicated.
2. The return losses are between the measured impedance and the characteristic impedance of the open wire represented by the network.
3. For description and uses of the 28B filter, see Section 352-153-100.