

Circuit Junction Return Loss

LOADED ENTRANCE CABLE VS. 12" COPPER OPEN WIRE SIDES

Cable			Return Loss (db) for Indicated Wire Size and Frequency											
Ca.	Loading	End* Sec.	165-mil				128-mil				104-mil			
			300	1600	2400	2900	300	1600	2400	2900	300	1600	2400	2900
13	E-28-S	MC	27	33	38	38	20	31	31	28	14	25	26	24
16	"	"	22	31	38	38	40	40	34	29	21	29	27	25
19	"	"	15	25	28	30	23	29	30	28	30	32	28	26
13	"	MS	27	27	24	22	20	30	28	25	14	27	29	28
16	"	"	22	27	24	22	40	33	28	25	21	31	32	29
19	"	"	15	23	22	21	18	27	26	24	30	38	32	29
13	H-28-S	MC	31	40	37	31	20	30	28	25	14	24	24	22
16	"	"	24	36	35	31	33	34	29	26	19	26	24	23
19	"	"	14	25	28	28	19	28	28	25	32	28	25	23
13	"	MS	28	29	26	24	20	32	30	27	14	27	30	30
16	"	"	24	29	26	23	33	40	31	27	19	30	34	32
19	"	"	14	24	24	23	19	28	29	26	32	36	38	32
19	H-31-S	MS	14	22	21	20	19	26	24	22	31	33	28	25
13	"	C	27	27	27	27	20	30	31	33	16	26	30	36
16	"	C	21	27	27	26	34	33	33	33	21	30	35	41
19	"	C	13	23	24	25	19	28	29	29	34	40	37	36
13	B-15-S	C	32	33	32	32	24	35	38	40	17	27	29	30
16	"	C	20	31	31	34	35	40	40	38	22	29	31	30
19	"	C	13	25	27	29	17	30	31	33	27	32	31	31
13	C-4.1-S	C	35	39	38	38	23	28	29	28	16	23	24	24
16	"	C	21	32	34	40	32	30	30	31	21	25	25	26
19	"	C	13	24	27	30	18	26	28	29	27	25	26	26
13	C-4.8-S	C	32	31	31	31	24	34	38	38	16	27	30	31
16	"	C	20	29	30	31	36	40	40	37	22	31	33	30
19	"	C	13	24	26	29	18	28	31	40	28	33	35	36

\* MC = Mid coil      MS = Mid section      C = Compensated