Circuit Junction Return Loss

LOADED ENTRANCE CABLE VS. COPPER OPEN WIRE PHANTOMS

Cable			Return Loss (db) for Indicated Wire Size and Frequency											
			165-mil				128-mil				104-mil			
Ga.	Loading	End* Sec.	300	1600	2400	2900	300	1600	2400	2900	300	1600	2400	2900
13	E-16-P	MC	29	33	40	41	21	34	31	28	15	26	26	24
16	"	"	22	30	37	38	40	40	32	29	22	29	27	26
19	"	"	14	25	29	31	18	30	30	28	27	32	29	26
13	"	MS	29	25	23	22	21	32	29	27	15	29	30	30
16	"	"	22	26	24	22	40	36	30	28	22	34	35	32
19	"	"	14	23	23	22	18	29	28	27	27	38	35	32
13	H-16-P	MC	34	40	36	31	21	29	26	24	15	24	23	22
16	"	"	24	36	35	31	32	30	27	24	20	26	24	22
19	"	"	14	26	29	28	20	28	26	24	29	27	24	22
13	"	MS	34	31	27	25	21	34	36	32	15	27	32	34
16	"	"	23	29	27	25	32	40	38	32	20	30	37	36
19	"	"	14	25	25	24	20	30	32	31	29	33	38	33
13	H-18-P	C	28	27	27	27	21	33	37	39	16	28	33	36
16	"	C	21	27	27	27	38	40	40	38	23	32	38	45
19	"	C	14	24	25	25	19	30	32	32	30	40	40	40
13	BH-16-P	MC	26	29	35	45	28	38	34	31	19	29	28	26
16	"	"	19	28	34	40	32	40	35	30	25	32	29	26
19	"	"	13	24	30	32	18	29	33	30	25	31	29	27
13	"	MS	26	24	23	21	28	30	28	25	19	30	31	29
16	"	"	19	23	23	21	32	30	28	25	25	35	32	28
19	"	"	13	22	22	21	18	26	26	24	25	33	31	28
13	CE-12.8-P	MC	30	40	34	31	25	27	26	24	17	23	23	22
16	"	"	19	31	31	31	29	28	26	25	24	25	23	23
19	"	"	13	25	26	26	17	25	24	24	23	25	23	23
13	"	MS	30	35	32	30	25	33	36	45	17	26	30	33
16	"	"	19	29	30	27	29	34	36	38	24	29	31	39
19	"	"	13	24	26	25	17	28	29	31	23	30	30	33

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

Note: Table data apply to either pole pair or non-pole pair phantoms.