Cable Losses at Carrier Frequencies

ENTRANCE CABLES

Type of Loading	Gauge *	Attenuation Loss in db Per Mile at Frequency of						
		6 kc D(W-E) H(W-E) B(W-E)	9 kc D(E-W) H(E-W)	11 kc B(E-W)	14 kc C(E-W)	27 kc C(W-E)	80 kc J(W-E)	140 kc J(E-W)
A2.7) A3.0) X2.7)	13	.41	.46	.49	.55	.84	-	-
	16	.54	.58	.61	.67	.97	-	-
	19	.84	.89	.91	.96	1.23	-	-
B15) Y9)	13	.33	.42	.54	-	-	-	-
	16	.45	.54	.67	-	-	-	-
	19	.71	.79	.94	-	-	-	-
C4.1	10	.19	.23	.25	.30	.68	-	-
	13	.26	.30	.32	.38	.76	-	-
	16	.41	.44	.46	.52	.88	-	-
	19	.73	.75	.76	.80	1.15	-	-
C4.1M	13	.40	.45	.48	.54	.93	-	-
	16	.55	.59	.62	.68	1.04	-	-
C4.8	10	.22	.25	.27	.31	.73	-	-
	13	.29	.32	.35	.39	.81	-	-
	16	.42	.45	.47	.52	.92	-	-
	19	.72	.74	.76	.79	1.18	-	-
C4.8M	13	.29	.32	.35	.44	.87	-	-
	16	.47	.51	.54	.63	1.08	-	-
	19	.76	.81	.83	.90	1.36	-	-
J0.72) J0.85) J0.94)	16(.025)	.48	.50	.52	.53	.62	.93	1.36
Non-loaded (D.I.)	16(.025)	.77	.83	.87	.91	1.07	1.55	2.00
Non-loaded (P.I.)	10(.055)	.46	.53	.58	.65	.89	1.52	2.07
	10	.464	.542	.590	.662	.931	1.91	2.94
	13	.718	.770	.820	.900	1.22	2.35	3.43
	16	1.21	1.30	1.35	1.42	1.70	2.90	4.08
	19	2.15	2.38	2.48	2.60	2.95	4.29	5.79
	19(.066)	2.20	2.40	2.55	2.65	3.08	4.38	5.80
	22(.082)	3.80	4.40	4.60	4.90	5.80	7.70	9.50
	24(.072)	5.20	6.00	6.30	6.80	8.30	10.60	12.60
	26(.069)	6.90	7.90	8.40	9.10	11.30	14.70	16.40

		Attenuation Loss in db Per 100 Feet						
E or EG	16	.02	.02	.02	.02	.02	.02	.03
Non-loaded (D.I.)	16	.015	.016	.016	.017	.020	.029	.038

D.I. - Disc Insulated. P.I. - Paper Insulated.

* Nominal capacitance of cable pairs is .062 mf per mile except in those cases where value is shown in parenthesis after gauge.