Cable Losses at 1000 Cycles

TOLL CABLE FACILITIES WITH COMMON TYPES OF LOADING SYSTEMS

Loading	Circuit Layout Code	Loss at 55°F. - Decibels per Mile				
		22-Gauge	19-Gauge	16-Gauge	13 or 14-Gaugeϕ	10-Gauge
B-22-N	B22	-	.45	.236	.157	-
B-44-N	B44	-	.34	-	-	-
B-88-50-S	B88	.50	.28	.16	-	-
B-88-50-P	B50	.42	.23	.14	-	-
H-22-N	H22	-	.62	.32	-	-
H-44-25-S	H44	.92	.47	.25	.14	.08
H-44-25-P	H25	.77	.39	.21	.115	.07
H-88-50-S	H88	.66	.35	.19	.12ϕ	-
H-88-50-P	H50	.56	.30	.16	-	-
H-172-63-S H-174-63-S	H172 H174	.49	.27	.16	-	-
H-172-63-P H-174-63-P	H63 H63	.51	.28	.16	-	-
H-174-106-S	H174-6	.50	.28	.16	.10	-
H-174-106-P	H106	.40	.22	.13	.084	-

ϕ Values marked with ϕ apply to 14-gauge.

Loading	± Variations from Loss at 55°F. - Decibels per Mile					
	22-Gauge		19-Gauge		16-Gauge	
	Aerial Cable*	U.G. Cable**	Aerial Cable*	U.G. Cable**	Aerial Cable*	U.G. Cable**
B-22-N	-	-	.052	.017	.028	.009
B-44-N	-	-	.040	.013	-	-
B-88-50-S	.060	.020	.031	.011	.018	.006
B-88-50-P	.050	.017	.026	.009	.015	.005
H-22-N	-	-	.071	.024	.037	.012
H-44-25-S	.110	.037	.055	.018	.029	.010
H-44-25-P	.092	.031	.046	.015	.024	.008
H-88-50-S	.079	.026	.041	.014	.022	.007
H-88-50-P	.067	.022	.035	.012	.019	.006
H-172-63-S H-174-63-S	.059	.020	.031	.010	.018	.006
H-172-63-P H-174-63-P	.061	.020	.032	.011	.018	.006
H-174-106-S	.060	.020	.032	.011	.017	.006
H-174-106-P	.048	.016	.025	.008	.013	.004

* Temperature range, ± 54°F.; resistance variation, ± 12%.

** Temperature range, ± 18°F.; resistance variation, ± 4%.