PRIMARY CONSTANTS OF NONLOADED CABLE
26 GAUGE BST

Freq. kHz	Per Mile At 68° F.*			
	R ohms	L mH	G μmhos	C μF
0	440.0	.996	.079	.0795
.1	440.0	.996	.119	.0792
.2	440.0	.996	.187	.0792
.3	440.0	.996	.271	.0791
.5	440.0	.995	.476	.0791
1	440.0	.995	1.15	.0790
2	440.0	.995	2.95	.0789
3	440.1	.994	5.19	.0789
5	440.2	.993	10.67	.0788
10	440.5	.992	28.54	.0787
15	441.0	.990	50.81	.0786
20	441.7	.988	76.55	.0785

Through Carrier Frequencies

Freq. kHz	Per Mile At 55° F.*			
	R ohms	L mH	G μmhos	C μF
0	427.7	.995	.088	.0791
.1	427.7	.995	.133	.0789
.2	427.7	.995	.208	.0788
.5	427.7	.995	.530	.0787
1	427.7	.994	1.28	.0786
2	427.7	.994	3.28	.0785
5	427.8	.993	11.88	.0784
10	428.1	.991	31.76	.0783
15	428.6	.989	56.56	.0782
20	429.3	.988	85.21	.0781
50	435	.978	280	.0780
100	454	.960	670	.0780
200	510	.927	1,560	.0779
250	545	.912	2,020	.0779
500	705	.864	4,640	.0778
1,000	960	.821	9,870	.0778
2,000	1,315	.786	20,100	.0778
4,000	1,775	.758	39,800	.0778
5,000	1,985	.750	48,300	.0778
10,000	2,810	.727	86,900	.0778

* For Temperature Variations See Page 2.

Estimated Average Temperature Variation*

Freq. kHz	Per Mile Per Degree F.			
	R ohms	L mH	G μmhos	C μF
0	.94	.000050	− .00069	.000028
.1	.94	.000050	− .0010	.000028
.2	.94	.000050	− .0016	.000028
.3	.94	.000050	− .0023	.000028
.5	.94	.000050	− .0041	.000028
1	.94	.000050	− .010	.000028
2	.94	.000050	− .026	.000028
3	.94	.000050	− .045	.000028
5	.94	.000050	− .093	.000028
10	.94	.000050	− .25	.000028
15	.94	.000050	− .44	.000028
20	.94	.000050	− .67	.000028
50	.94	.000069	− 1.92	.000030
100	.94	.000099	− 3.92	.000031
200	.94	**	− 7.05	.000034
250	.95		− 8.05	.000035
500	1.00		−11.28	.000038
1,000	1.14		**	.000044
2,000	1.43			.000051
4,000	1.93			**
5,000	2.16			
10,000	3.05			

* Average values between 34° and 76°

** Effect of temperature variation at higher frequencies is uncertain.