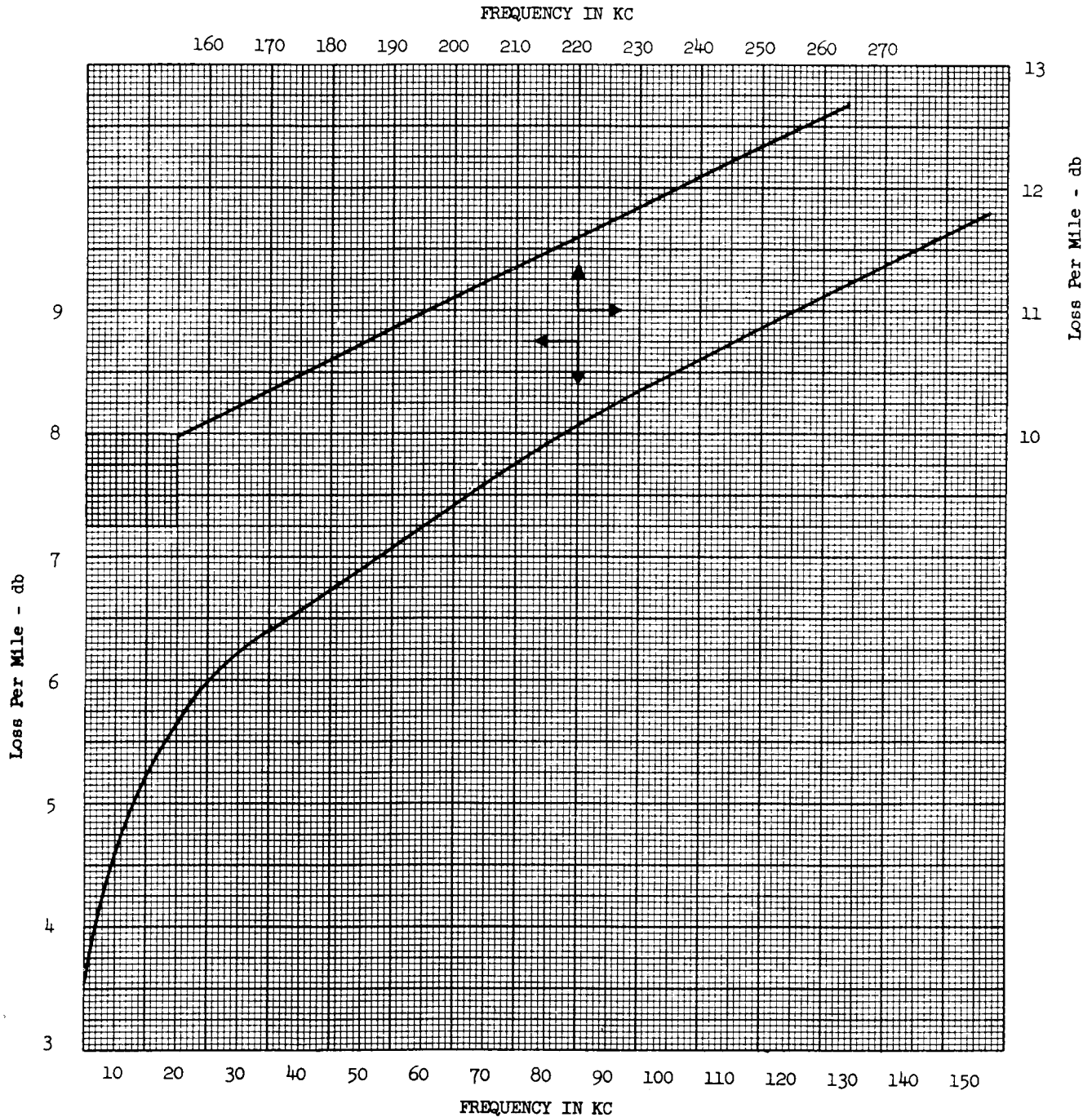


CABLE LOSSES AT CARRIER FREQUENCIES
22 GAUGE ANA CABLE
(.073 mf/mile)

Losses in db/mile at 55°F.

Applies to a pair having nominal capacitance; measured losses may vary $\pm 10\%$



**APPROXIMATE CHANGES IN CARRIER
CABLE ATTENUATION AND TEMPERATURE COEFFICIENTS**

	K CARRIER				N AND ON CARRIER			
Frequency in kc	12	28	57	60	40	128	176	264
Attenuation (db/mile)	5.86	6.13	7.13	7.24	6.55	9.20	10.50	12.70
Temp. Coefficient (db/mi./10°F.)	.080	.104	.130	.131	.122	.134	.135	.141

22 GAUGE ANA CABLE
(.073 mf/mile)

Types N and ON Carrier Engineering Data
(Values in db at 55°F.)

Low Group 128 KC Loss N Channel 2 ON Carrier 1	MILES	0	.1	.2	.3	.4	.5	.6	.7	.8	.9
	0		.92	1.84	2.76	3.68	4.60	5.52	6.44	7.36	8.28
1	9.20	10.12	11.04	11.96	12.88	13.80	14.72	15.64	16.56	17.48	
2	18.40	19.32	20.24	21.16	22.08	23.00	23.92	24.84	25.76	26.68	
3	27.60	28.52	29.44	30.36	31.28	32.20	33.12	34.04	34.96	35.88	
4	36.80	37.72	38.64	39.56	40.48	41.40	42.32	43.24	44.16	45.08	
5	46.00	46.92	47.84	48.76	49.68	50.60	51.52	52.44	53.36	54.28	

High Group 176 KC Loss N Channel 2 ON Carrier 1	MILES	0	.1	.2	.3	.4	.5	.6	.7	.8	.9
	0		1.05	2.10	3.15	4.20	5.25	6.30	7.35	8.40	9.45
1	10.50	11.55	12.60	13.65	14.70	15.75	16.80	17.85	18.90	19.95	
2	21.00	22.05	23.10	24.15	25.20	26.25	27.30	28.35	29.40	30.45	
3	31.50	32.55	33.60	34.65	35.70	36.75	37.80	38.85	39.90	40.95	
4	42.00	43.05	44.10	45.15	46.20	47.25	48.30	49.35	50.40	51.45	
5	52.50	53.55	54.60	55.65	56.70	57.75	58.80	59.85	60.90	61.95	

Low Group Positive (+) Slope (Difference between 128 KC and 40 KC Losses)	MILES	0	.1	.2	.3	.4	.5	.6	.7	.8	.9
	0		.27	.53	.80	1.06	1.33	1.59	1.86	2.12	2.39
1	2.65	2.92	3.18	3.45	3.71	3.98	4.24	4.51	4.77	5.04	
2	5.30	5.57	5.83	6.10	6.36	6.63	6.89	7.16	7.42	7.69	
3	7.95	8.22	8.48	8.75	9.01	9.28	9.54	9.81	10.07	10.34	
4	10.60	10.87	11.13	11.40	11.66	11.93	12.19	12.46	12.72	12.99	
5	13.25	13.52	13.78	14.05	14.31	14.58	14.84	15.11	15.37	15.64	

High Group Negative (-) Slope (Difference between 264 KC and 176 KC Losses)	MILES	0	.1	.2	.3	.4	.5	.6	.7	.8	.9
	0		.22	.44	.66	.88	1.10	1.32	1.54	1.76	1.98
1	2.20	2.42	2.64	2.86	3.08	3.30	3.52	3.74	3.96	4.18	
2	4.40	4.62	4.84	5.06	5.28	5.50	5.72	5.94	6.16	6.38	
3	6.60	6.82	7.04	7.26	7.48	7.70	7.92	8.14	8.36	8.58	
4	8.80	9.02	9.24	9.46	9.68	9.90	10.12	10.34	10.56	10.78	
5	11.00	11.22	11.44	11.66	11.88	12.10	12.32	12.54	12.76	12.98	