

Cable Losses at Carrier Frequencies

K CARRIER CABLES

Type of Cable*	Loss at 55°F - db/mile			
	12 kc	28 kc	57 kc	60 kc
Small Buried Cables - (60 qds. or 120 prs. or less)	2.52	2.99	3.72	3.80
Large Buried Cables and All Sizes of U.G. and Aerial Cables	2.52	2.97	3.67	3.74

Type of Cable*	Temperature Coefficient - db/deg. F/mile			
	12 kc	28 kc	57 kc	60 kc
Small Cables of All Types (60 qds. or 120 prs. or less)	.0047	.0053	.0046	.0046
Large Cables of All Types (Over 60 qds. or 120 prs.)	.0048	.0053	.0050	.0050

* Applies only to 19 ga. with nominal capacity of .062 mf per mile.
Same losses may be used for both long pair and short pair twist cables.
D-c resistance of non-loaded 19 ga. pair assumed to be 83.4 ohms per
mile at 55°F, with a temperature coefficient of .00222 ohms per ohm.
per degree F.