Open Wire Losses at Carrier Frequencies

155 to 410 Kilocycles

Copper or Copper-Steel Wire (a)

Dry Weather

Spacing (Inches)	Insulation (b)	Gauge (Mils)	Attenuation Loss in db Per Mile at Frequency of									
			155KC	185KC	200KC	215KC	230KC	290KC	320KC	350KC	380KC	410KC
6	CS	104	.340	.371	.386	.399	.412	.463	.486	.508	.530	.551
		128	.288	.314	.327	.338	.349	.393	.412	.431	.450	.468
		165	.235	.257	.267	.276	.285	.322	.338	.354	.370	.385
6	DP	104	.340	.371	.386	.399	.412	.463	.486	.508	.530	.551
		128	.288	.314	.327	.338	.349	.393	.412	.431	.450	.468
		165	.235	.257	.267	.276	.285	.322	.338	.354	.370	.385
8	CS	104	.322	.352	.366	.378	.390	.439	.461	.482	.502	.522
		128	.272	.297	.309	.320	.330	.372	.391	.409	.426	.443
		165	.222	.243	.252	.261	.269	.304	.320	.335	.349	.364
8	DP	104	.322	.352	.366	.378	.390	.439	.461	.482	.502	.522
		128	.272	.297	.309	.320	.330	.372	.391	.409	.426	.443
		165	.222	.243	.252	.261	.269	.304	.320	.335	.349	.364
12	CS	104	.301	.328	.341	.353	.364	.410	.431	.451	.470	.489
		128	.253	.276	.288	.298	.308	.347	.364	.381	.397	.413
		165	.206	.225	.234	.242	.250	.283	.297	.312	.326	.339
12	DP	104	.301	.328	.341	.353	.364	.410	.431	.451	.470	.489
		128	.253	.276	.288	.298	.308	.347	.364	.381	.397	.413
		165	.206	.225	.234	.242	.250	.283	.297	.312	.326	.339

(a) The above losses can be used for 30 or 40% conductivity copper-steel wire without substantial error.

(b) For CW insulation use values shown for DP insulation. Also for CSA and CSC use values shown for CS insulation.