

Conductor DC Resistance (Two Line)

Distance (ft)	18AWG (ohms)	20AWG (ohms)	22AWG (ohms)	Cat 5 24AWG(ohms)
500	4	6.7	10.7	17.5
700	8.7	13.3	21.3	34
1500	16.9	26.7	42.7	68.4
2000	26	41	65	103
3000	38	61	97	154
4000	51	81	129	205
5000	64	102	161	257
6000	77	122	194	308
7000	89	142	226	359
8000	102	162	258	411
9000	115	183	291	462
11000	134	213	339	539
12000	153	244	387	616