

MAXIMUM CABLE LENGTH TABLE

The following chart shows the maximum number of 2-, 3-, or 4-digit Remote Displays that can be installed per cable length indicated. The cable length can be increased by simply putting fewer Remote Displays on EACH CABLE connected to the Model 904 Keypad. For example, when using 18 AWG wire you can install a maximum of four Model 940 (4-digit) Remote Displays up to 1,000 feet from the Keypad on a single cable. However, if greater distance is required, simply use 16 AWG wire from the Keypad. You can now install four Model 940 (4-digit) Remote Displays up to 1,600 feet from the Keypad.

The TOTAL CABLE LENGTH (Sum of length of all cables in the system) should not exceed 10,000 feet.

CABLE LENGTH CHART FOR 18 AWG WIRE, OR 16 AWG WIRE

Model 920 2-Digit Displays		
# of Displays	Distance	
	18 AWG	16 AWG
1	2000	2000
2	2000	2000
3	2000	2000
4	2000	2000
5	1500	2000
6	1100	1800
7	800	1300
8	600	1000
9	400	700
10	300	500
11	200	400
12	100	100

Model 930 3-Digit Displays		
# of Displays	Distance	
	18 AWG	16 AWG
1	2000	2000
2	2000	2000
3	2000	2000
4	1500	2000
5	1000	1600
6	700	1100
7	500	800
8	300	500
9	100	200

Model 940 4-Digit Displays		
# of Displays	Distance	
	18 AWG	16 AWG
1	2000	2000
2	2000	2000
3	1600	2000
4	1000	1600
5	600	1000
6	400	700
7	200	400