

## HOW TO READ KING WIRE COMBINATIONS

(the combination below is an example only, and is not representative of acceptable wire combinations for the connector(s) shown below)

Red text = number of wires

Blue text = wire size (AWG)

**2 #16 w/ 1, 2, or 3 #20**

This wire connector can be used to combine two (2) #16 AWG wires with one (1) #20 AWG wire, two (2) #16 AWG wires with two (2) #20 AWG wires, or two (2) #16 AWG wires with three (3) #20 AWG wires.

### KSC-1 (Extra Small) Wire Combinations

*Complete list of Wire Combinations*

1 #14	1 #16	1 #18
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### KSC-2 (Small) Wire Combinations

*Complete list of Wire Combinations*

1 #12	1, 2, 3, 4, or 5 #18	1 #16 w/ 1, 2, or 3 #18
1 #14	1 #14 w/ 1 #16	2 #16 w/ 1 #18
1, 2, or 3 #16	1 #14 w/ 1 or 2 #18	

### KSC-3 (Medium) Wire Combinations

*Complete list of Wire Combinations*

1 #8	1 #10 w/ 3 #16 w/ 1 #18	3 #12 w/ 1 #18
1 or 2 #10	2 #10 w/ 1 #18	1 #14 w/ 1, 2, 3, or 4 #16
2 or 3 #12	1 #12 w/ 1, 2, or 3 #14	1 #14 w/ 2, 3, 4, 5, or 6 #18
2, 3, or 4 #14	1 #12 w/ 1, 2, 3, or 4 #16	1 #14 w/ 1 #16 w/ 1, 2, 3, 4, or 5 #18
3, 4 or 5 #16	1 #12 w/ 1, 2, 3, 4, 5, or 6 #18	1 #14 w/ 2 #16 w/ 1, 2, 3, or 4 #18
4, 5, 6 or 7 #18	1 #12 w/ 1 #14 w/ 1, 2, or 3 #16	1 #14 w/ 3 #16 w/ 1 or 2 #18
1 #8 w/ 1 #14	1 #12 w/ 1 #14 w/ 1 or 2 #18	1 #14 w/ 4 #16 w/ 1 #18
1 #8 w/ 1 or 2 #16	1 #12 w/ 2 #14 w/ 1 or 2 #16	2 #14 w/ 1, 2, or 3 #16
1 #8 w/ 1, 2, or 3 #18	1 #12 w/ 2 #14 w/ 1 or 2 #18	2 #14 w/ 1 or 2 #18
1 #8 w/ 1 #16 w/ 1 #18	1 #12 w/ 3 #14 w/ 1 #16	2 #14 w/ 1 #16 w/ 1 or 2 #18
1 #10 w/ 1 #12	1 #12 w/ 3 #14 w/ 1 #18	2 #14 w/ 2 #16 w/ 1 or 2 #18
1 #10 w/ 1 or 2 #14	1 #12 w/ 1 #16 w/ 1, 2, 3, or 4 #18	3 #14 w/ 1 or 2 #16
1 #10 w/ 1, 2, 3, or 4 #16	1 #12 w/ 2 #16 w/ 1, 2 or 3 #18	3 #14 w/ 1 or 2 #18
1 #10 w/ 1, 2, 3, 4 or 5 #18	1 #12 w/ 3 #16 w/ 1 #18	3 #14 w/ 1 #16 w/ 1 #18
1 #10 w/ 1 #12 w/ 1 #14	2 #12 w/ 1 or 2 #14	4 #14 w/ 1 #16
1 #10 w/ 1 #12 w/ 1 or 2 #16	2 #12 w/ 1 or 2 #16	4 #14 w/ 1 #18
1 #10 w/ 1 #12 w/ 1, 2, or 3 #18	2 #12 w/ 1, 2, or 3 #18	1 #16 w/ 3, 4, 5, or 6 #18
1 #10 w/ 1 #14 w/ 1, 2, or 3 #16	2 #12 w/ 1 #14 w/ 1 or 2 #16	2 #16 w/ 2, 3, 4, or 5 #18
1 #10 w/ 1 #14 w/ 1, 2, 3 or 4 #18	2 #12 w/ 1 #14 w/ 1 or 2 #18	3 #16 w/ 1, 2, 3, or 4 #18
1 #10 w/ 2 #14 w/ 1 #16	2 #12 w/ 1 #16 w/ 1 or 2 #18	4 #16 w/ 1, 2, or 3 #18
1 #10 w/ 2 #14 w/ 1 or 2 #18	2 #12 w/ 2 #16 w/ 1 or 2 #18	5 #16 w/ 1 or 2 #18
1 #10 w/ 1 #16 w/ 1, 2, or 3 #18	3 #12 w/ 1 #16	6 #16 w/ 1 #18
1 #10 w/ 2 #16 w/ 1 or 2 #18		

### KSC-4 (Large) Wire Combinations

*Complete list of Wire Combinations*

2 #8	2 #10 w/ 1 #12 w/ 1 #14	1 #12 w/ 5 #14 w/ 1 #16
3 #10	2 #10 w/ 1 #12 w/ 1, 2, or 3 #16	1 #12 w/ 5 #14 w/ 1 #18
1 #8 w/ 1 or 2 #10	2 #10 w/ 1 #12 w/ 1, 2, 3, or 4 #18	1 #12 w/ 5 #16 w/ 1 #18
1 #8 w/ 1 or 2 #12	2 #10 w/ 2 #12 w/ 1 #16	2 #12 w/ 2 #14

**KSC-4 (Large) Wire Combinations (cont'd)**

*Complete list of Wire Combinations*

1 #8 w/ 1 or 2 #14	1 #10 w/ 3 #12 w/ 1 #18	2 #12 w/ 3 #16
1 #8 w/ 2 or 3 #16	1 #10 w/ 1 #14 w/ 4 or 5 #16	2 #12 w/ 1 #14 w/ 2, or 3 #18
1 #8 w/ 4 or 5 #16	1 #10 w/ 1 #14 w/ 4 or 5 #18	2 #12 w/ 2 #14 w/ 1 or 2 #16
1 #8 w/ 1 #10 w/ 1 #12	1 #10 w/ 2 #14 w/ 1, 2, 3, or 4 #16	2 #12 w/ 2 #14 w/ 1 #18
1 #8 w/ 1 #10 w/ 1 #14	1 #10 w/ 2 #14 w/ 1, 2, 3, or 4 #18	2 #12 w/ 3 #14 w/ 1 #16
1 #8 w/ 1 #10 w/ 1, 2, or 3 #16	1 #10 w/ 3 #14 w/ 1 #16	2 #12 w/ 3 #14 w/ 1 #18
1 #8 w/ 1 #10 w/ 1, 2, 3, or 4 #18	1 #10 w/ 3 #14 w/ 1 or 2 #18	2 #12 w/ 1 #16 w/ 3 #18
1 #8 w/ 1 #12 w/ 1 or 2 #14	1 #10 w/ 5 #16 w/ 1 #18	2 #12 w/ 2 #16 w/ 1 or 2 #18
1 #8 w/ 1 #12 w/ 1, 2, or 3 #16	2 #10 w/ 1 or 2 #12	2 #12 w/ 3 #16 w/ 1 or 2 #18
1 #8 w/ 1 #12 w/ 1, 2, or 3 #18	2 #10 w/ 1 or 2 #14	3 #12 w/ 1, 2, or 3 #14
1 #8 w/ 2 #12 w/ 1 #16	2 #10 w/ 1, 2, 3, or 4 #16	3 #12 w/ 1 or 2 #16
1 #8 w/ 2 #12 w/ 1 or 2 #18	2 #10 w/ 1, 2, 3, 4 or 5 #18	3 #12 w/ 1, 2, or 3 #18
1 #8 w/ 1 #14 w/ 1, 2, or 3 #16	2 #10 w/ 2 #12 w/ 1 or 2 #18	3 #12 w/ 1 #14 w/ 1 #16
1 #8 w/ 1 #14 w/ 1, 2, 3, or 4 #18	2 #10 w/ 1 #14 w/ 1, 2, or 3 #16	3 #12 w/ 1 #14 w/ 1 #18
1 #8 w/ 2 #14 w/ 1 or 2 #16	2 #10 w/ 1 #14 w/ 1, 2, 3, or 4 #18	3 #12 w/ 1 #16 w/ 1 or 2 #18
1 #8 w/ 2 #14 w/ 1, 2, or 3 #18	2 #10 w/ 2 #14 w/ 1 or 2 #16	3 #12 w/ 3 #16 w/ 1 #18
1 #8 w/ 3 #14 w/ 1 #18	2 #10 w/ 2 #14 w/ 1, 2, or 3 #18	4 #12 w/ 1 or 2 #14
1 #8 w/ 1 #16 w/ 1, 2, 3, or 4 #18	2 #10 w/ 1 #16 w/ 1, 2, 3, or 4 #18	4 #12 w/ 1 or 2 #16
1 #8 w/ 2 #16 w/ 1, 2, 3, or 4 #18	2 #10 w/ 2 #16 w/ 1, 2 or 3 #18	4 #12 w/ 1 or 2 #18
1 #8 w/ 3 #16 w/ 1 or 2 #18	2 #10 w/ 3 #16 w/ 1 or 2 #18	4 #12 w/ 1 #16 w/ 1 or 2 #18
1 #8 w/ 4 #16 w/ 1 or 2 #18	2 #10 w/ 4 #16 w/ 1 #18	2 #14 w/ 5 #16
1 #8 w/ 5 #16 w/ 1 #18	3 #10 w/ 1 #14	3 #14 w/ 4 #16
1 #10 w/ 3 #12	3 #10 w/ 1, 2, or 3 #16	3 #14 w/ 2 #16 w/ 2 #18
1 #10 w/ 3 #14	3 #10 w/ 1, 2, or 3 #18	3 #14 w/ 3 #16 w/ 1 #18
1 #10 w/ 1 #12 w/ 1, 2, or 3 #14	1 #12 w/ 4 #14	4 #14 w/ 2, or 3 #16
1 #10 w/ 1 #12 w/ 3, 4, or 5 #16	1 #12 w/ 2 #14 w/ 3 #16	4 #14 w/ 3 #18
1 #10 w/ 1 #12 w/ 4 or 5 #18	1 #12 w/ 3 #14 w/ 1 #16	4 #14 w/ 1 #16 w/ 1 or 2 #18
1 #10 w/ 2 #12 w/ 1, 2, or 3 #16	1 #12 w/ 3 #14 w/ 1 #18	4 #14 w/ 2 #16 w/ 1 #18
1 #10 w/ 2 #12 w/ 1, 2, 3, or 4 #18	1 #12 w/ 4 #14 w/ 1 or 2 #16	
1 #10 w/ 3 #12 w/ 1 #16	1 #12 w/ 4 #14 w/ 1 or 2 #18	