

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.

ACE Connector Small		
<i>Complete list of Wire Combinations</i>		
1 #12	1 or 2 #16	1 #14 w/ 1 #18
1 #14	1, 2, 3, or 4 #18	1 #16 w/ 1 or 2 #18
ACE Connector Medium		
<i>Complete list of UL1838 Wire Combinations</i>		
1 #8	1 #10 w/ 3 #16 w/ 1, 2, or 3 #18	1 #14 w/ 3 #16 w/ 1, 2, 3, or 4 #18
1 or 2 #10	1 #12 w/ 1, 2, 3, or 4 #14	1 #14 w/ 4 #16 w/ 1, 2, or 3 #18
1, 2, or 3 #12	1 #12 w/ 1, 2, 3, 4, 5, or 6 #16	2 #14 w/ 1, 2, 3, 4, 5, or 6 #16
1, 2, 3, 4, or 5 #14	1 #12 Stranded w/ 1, 2, 3, 4, 5, 6, or 7 #18 Stranded	2 #14 w/ 1, 2, 3, 4, 5, or 6 #18
1, 2, 3, 4, 5, 6, 7, or 8 #16	1 #12 w/ 1 #14 w/ 1, 2, 3, 4, or 5 #16	2 #14 w/ 1 #16 w/ 1, 2, 3, 4, or 5 #18
1, 2, 3, 4, 5, 6, 7, or 8 #18	1 #12 w/ 1 #14 w/ 1, 2, 3, 4, 5, or 6 #18	2 #14 w/ 2 #16 w/ 1, 2, 3, or 4 #18
1 #8 w/ 1 #12 or #14	1 #12 w/ 1 #14 w/ 1 #16 w/ 1, 2, 3, 4, or 5 #18	2 #14 w/ 3 #16 w/ 1, 2, or 3 #18
1 #8 w/ 1 or 2 #16	1 #12 w/ 2 #14 w/ 1, 2, or 3 #16	2 #14 w/ 4 #16 w/ 1 or 2 #18
1 #8 w. 1, 2, 3, or 4 #18	1 #12 w/ 2 #14 w/ 1, 2, 3, 4, or 5 #18	3 #14 w/ 1, 2, 3, or 4 #16
1 #8 w/ 1 #14 w/ 1 #16	1 #12 w/ 2 #14 w/ 1 #16 w/ 1, 2, 3, or 4 #18	3 #14 w/ 1, 2, 3, 4, or 5 #18
1 #8 w/ 1 #14 w/ 1 or 2 #18	1 #12 w/ 2 #14 w/ 2 #16 w/ 1 or 2 #18	3 #14 w/ 1 #16 w/ 1, 2, 3, or 4 #18
1 #8 w/ 1 #16 w/ 1 or 2 #18	1 #12 w/ 3 #14 w/ 1 #16	3 #14 w/ 2 #16 w/ 1, 2, or 3 #18
1 #8 w/ 2 #16 w/ 1 #18	1 #12 w/ 3 #14 w/ 1, 2, or 3 #18	4 #14 w/ 1 or 2 #16
1 #10 w/ 1 or 2 #12	2 #12 w/ 1 or 2 #14	4 #14 w/ 1, 2, 3, or 4 #18
1 #10 w/ 1, 2, or 3 #14	2 #12 w/ 1, 2, 3, or 4 #16	4 #14 w/ 1 #16 w/ 1 or 2 #18
1 #10 w/ 1, 2, 3, 4, or 5 #16	2 #12 w/ 1, 2, 3, 4, 5, or 6 #18	4 #14 w/ 2 #16 w/ 1 #18
1 #10 Stranded w/ 1, 2, 3, 4, 5, 6, or 7 #18 Stranded	2 #12 w/ 1 #14 w/ 1 or 2 #16	5 #14 w/ 1 #16
1 #10 w/ 1 #12 w/ 1 or 2 #16	2 #12 w/ 1 #14 w/ 1, 2, 3, or 4 #18	5 #14 w/ 1 or 2 #18
1 #10 w/ 1 #12 w/ 1, 2, or 3 #18	3 #12 w/ 1 #14	1 #16 w/ 1, 2, 3, 4, 5, or 6 #18
1 #10 w/ 1 #14 w/ 1, 2, or 3 #16	3 #12 w/ 1 #16	2 #16 w/ 1, 2, 3, 4, 5, or 6 #18
1 #10 w/ 1 #14 w/ 1, 2, 3, 4, or 5 #18	3 #12 w/ 1 or 2 #18	3 #16 w/ 1, 2, 3, 4, or 5 #18
1 #10 w/ 1 #14 w/ 1 #16 w/ 1, 2, or 3 #18	3 #12 w/ 1 #16 w/ 1 #18	4 #16 w/ 1, 2, 3, or 4 #18
1 #10 w/ 2 #14 w/ 1 or 2 #16	1 #14 w/ 1, 2, 3, 4, 5, 6, or 7 #16	5 #16 w/ 1, 2, or 3 #18
1 #10 w/ 2 #14 w/ 1, 2, or 3 #18	1 #14 w/ 1, 2, 3, 4, 5, 6, or 7 #18	6 #16 w/ 1 or 2 #18
1 #10 w/ 1 #16 w/ 1, 2, 3, 4, 5, or 6 #18	1 #14 w/ 1 #16 w/ 1, 2, 3, 4, 5, or 6 #18	7 #16 w/ 1 #18
1 #10 w/ 2 #16 w/ 1, 2, 3, 4, or 5 #18	1 #14 w/ 2 #16 w/ 1, 2, 3, 4, or 5 #18	
ACE Connector Large		
<i>Complete list of Wire Combinations</i>		
1 #8	1 #10 w/ 3 #16 w/ 1, 2, or 3 #18	1 #14 w/ 3 #16 w/ 1, 2, 3, or 4 #18
1 or 2 #10	1 #12 w/ 1, 2, 3, or 4 #14	1 #14 w/ 4 #16 w/ 1, 2, or 3 #18
1, 2, or 3 #12	1 #12 w/ 1, 2, 3, 4, 5, or 6 #16	2 #14 w/ 1, 2, 3, 4, 5, or 6 #16

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