



UNDERWRITER'S LABORATORIES LISTED WIRE COMBINATIONS

Combinations listed on this page are CU/CU Wire only. (Do not use on aluminum wire.) For use on solid and/or stranded wire combinations unless noted otherwise.

IDEAL Twister® Wire Connectors				
Model	600 Volt Maximum			
342® Strip wires 5/8"	1 to 2 #8	3 to 6 #14	1 #16 w/1 to 3 #10	1 #14 w/3 #12 w/1 #10
	1 #8 w/1 #6	1 #14 w/1 to 4 #12	2 #16 w/1 to 4 #14 or #12	1 #14 w/1 #10 w/1 #8
	2 to 4 #10	1 #14 w/1 to 3 #10	2 #16 w/1 to 2 #10	2 #14 w/1 #12 w/1 to 2 #10
	1 #10 w/1 to 2 #8	1 #14 w/1 to 2 #8	3 #16 w/1 to 3 #14	2 #14 w/1 #12 w/1 #8
	2 #10 w/1 #8	1 to 2 #14 w/1 #6	3 #16 w/1 to 2 #12 or #10	2 #14 w/2 #12 w/1 #10
	2 to 6 #12	2 #14 w/1 to 3 #12	4 #16 w/1 to 2 #14 or #12	2 #14 w/1 #10 w/1 #8
	1 #12 w/1 to 2 #10	2 #14 w/1 to 3 #10	4 #16 w/1 #10	3 #14 w/1 #10 w/1 #8
	1 #12 w/3 #10	2 #14 w/1 #8	3 #18 w/3 #16 or #14	1 #16 w/1 #14 w/1 to 2 #12
	1 #12 w/1 to 2 #8	3 #14 w/1 to 3 #12 or #10	3 #18 w/1 to 2 #12 or #10	2 #16 w/1 #14 w/1 to 2 #12
	1 to 2 #12 w/1 #6	3 or 4 #14 w/1 #8	4 #18 w/1 to 2 #16, #14 or #12	2 #16 w/2 #14 w/1 #12 or #10
	2 #12 w/1 to 2 #10	3 #14 w/1 #6	5 #18 w/1 #16, #14, #12 or #10	2 #16 w/1 #12 w/1 #10
	2 #12 w/1 #8 or #6	4 #14 w/1 to 2 #12 or #10	1 #12 w/1 #10 w/1 #8	3 #16 w/1 #14 w/1 to 2 #12
	2 #12 w/2 #8	4 #14 w/1 #6	1 #14 w/1 #12 w/1 to 2 #10	3 #16 w/1 #14 w/1 #10
	3 #12 w/1 #10 or #8	5 #14 w/1 #12 or #10	1 #14 w/1 #12 w/1 #8 or #6	4 #16 w/1 #14 w/1 #12
3 #12 w/2 #10	5 #14 w/1 #8	1 #14 w/2 #12 w/1 to 2 #10		
4 #12 w/1 #10	1 #16 w/2 to 5 #14 or #12	1 #14 w/2 #12 w/1 #8		
IDEAL WeatherProof™ Wire Connectors				
Model	600 Volt Maximum			
61® Strip wires 3/8"; Strip wires #18 and smaller 7/16"	1 or 2 #14 1 #16 Str 2 #16 1 to 4 # 18 Str 2 to 4 #18 Sol 2 to 4 #20 1 #14 with 1 #16 1 #14 w/ 1 #16 w/ 1 #18			
Model	600 Volt Maximum			
62® Strip wires 1/2"	2 to 6 #18 1 to 6 #16 1 to 5 #14 1 to 3 #12	4 #12 solid 1 to 3 #10 1 #18 with 1 to 4 #16, #14, or #12	1 #18 with 1 to 2 #10 2 #18 with 1 to 4 #16 or #14 1 #14 with 1 to 3 #12 1 #14 with 1 to 2 #10	2 #14 with 1 to 2 #12 or #10 1 #12 with 1 #10
Model	600 Volt Maximum			
63® Strip wires 5/8"	3 to 6 #14 2 to 6 #12 2 to 5 #10 1 to 2 #8	1 #16 with 2 to 5 #14 or #12 1 #16 with 1 to 3 #10 1 #14 with 1 to 4 #12 1 #14 with 1 to 3 #10	1 #14 with 1 to 2 #8 1 #12 with 1 to 2 #10 or #8 1 to 2 #12 with 1 #6 3 #12 with 1 #10 or #8	1 #10 with 1 to 2 #8 1 #8 with 1 #6
IDEAL UnderGround™ Wire Connectors				
Model	600 Volt Maximum			
60® Strip wires 1/2"	2 #10 1 to 3 #12 1 #12 w/1 #8 or #10 2 #12 w/1 #10 1 to 4 #14 1 #14 sol w/1 to 2 #12 1 #14 w/1 to 2 #10	2 #14 w/1 #10 or #12 3 #14 w/1 #12 1 #16 w/2 #10 1 #16 w/1 to 3 #12 or #14 1 #16 w/1 #10 or #12 and 1 to 2 #14 2 #16 w/1 to 2 #12	2 #16 w/1 #12 w/1 #14 2 #16 w/1 to 2 #14 2 #16 w/1 #10 3 #16 w/1 to 2 #14 3 #16 w/1 #12 1 #18 w/1 to 3 #12, #14 or #16 2 #18 w/1 to 2 #10 or #12	2 #18 w/1 to 2 #14 or #16 3 #18 w/1 to 2 #14 or #16 1 #20 w/1 to 4 #16 or #18 2 #18 or #16