

**OEM:** A connector designated as an OEM (Original Equipment Manufacturer) connector does not require pre-twisting when used in OEM applications.



***Crimp Sleeve  
Wire Connector***

Warranty limited solely to repair or replacement;  
no warranty of merchantability, fitness for a  
particular purpose or consequential damages.

Pat. No. 2,810,897

**IDEAL INDUSTRIES, INC.**

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**I 9641-2**

Made in U.S.A.



**Cu/Cu  
only**



To be sold only with installation instructions.

## Instructions

Crimp with IDEAL Electrician's Pliers, models 430 or 420; IDEAL Crimp Tool, model 425 (using small crimp die). Insulate with IDEAL model 417 WRAP-CAP®.

**Note: Always turn off power before installing or removing connectors.**

Listed as a PRESSURE-TYPE wire connector on the following solid and/or stranded wire combinations: COPPER TO COPPER ONLY (DO NOT USE ON ALUMINUM).

1. Strip 2" & insert wires.



2. Pretwist wires before crimping.



3. Crimp sleeve twice & trim.



4. Apply WRAP-CAP® insulator.



## Model 412 Sleeve with WRAP-CAP® - 600V listing applies\*

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

\*1000V Max. in fixtures and signs.