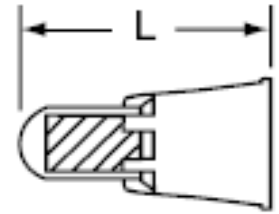


# 3M™ Scotchlok™ Closed End Connector, Nylon Insulated, Copper Insert, 718-N-A



Data Sheet

September 2008

Product Number	L
718-N-A	1.00

## Specifications

Wire Size:	18-10 AWG Copper wire only
Maximum Voltage Rating:	600V Building Wire 1000V Signs, Fixtures (Luminaires)
Maximum Operating Temp:	221°F (105°C)
Maximum Current:	Same as Wire
Insulator Material:	Nylon
Sleeve Material:	Copper

## SOLID / STRANDED AWG WIRE COMBINATIONS:

Copper Wire Only. "CU ONLY"

Wire Combinations	
1 #22 w/ 1 #12 or #10	1 #20 w/ 1 #16 w/1 #12
1 #22 w/ 2 #14 or #16	1 #18 w/ 1 #14
1 #22 w/ 1 #20 w/1 #12 or #14	1 #18 w / 1 #12
1 #22 w/ 1 #18 w/1 #12 or #14	1 #18 w/ 2 #16
1 #22 w/ 1 #16 w/1 #12 or #14	1 #18 w/ 1 #16 w/1 #12 or #14
1 #22 w/ 1 #14 w/1 #12	1 #16 w/ 1 #12 or #14
1 or 2 #20 w / 1 or 2 #14	3 #16
1 or 2 #20 w/ 1 #12	1 #14 w/ 1 #12
1 #20 w/ 1 #10	2 #14

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## Installation Information

### **WARNING**

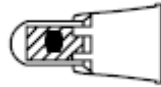
Turn power off before installing or removing terminal. All electrical work should be done according to appropriate electrical codes.

For use on solid or stranded copper (AWG) wire only.

#### Instructions:

1. Strip all wires ½ inch.
2. Pre-twist wires before crimping.
3. Insert wires into connector.
4. Insert into proper tool station and crimp.

3M™ Scotchlok™ Crimp Station Tools: TH-440, 12-10 Insul; TH-450, 12-10 Insul.



 Barrel Crimp (Required)

*Pre-twist wires before crimping.*

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## Engineering/ Architecture Specifications

Crimp-Type Connectors shall, electrically and mechanically, connect permanently to the pre-stripped ends of two or more copper wires.

The 3M™ Copper Insert Closed End Crimp-Type Connector shall be a copper sleeve covered by a molded nylon, skirted insulator of natural color.

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**Electrical Markets Division**  
6801 River Place Blvd.  
Austin, TX 78726-9000  
800 245 3573  
FAX 800 245 0329  
www.3M.com/electrical

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