



Scotchlok™

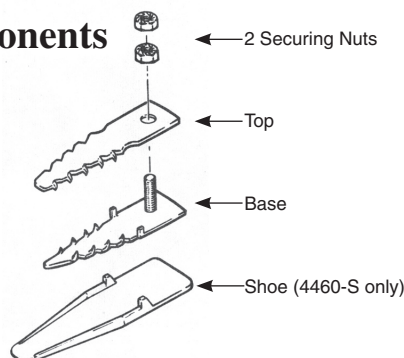
Shield Connectors 4460 and 4460-S

June 2005
78-8135-4339-0-A

1.0 General

The 3M™ Scotchlok™ 4460 and 4460-S shield connectors are designed to make a stable, low resistance electrical connection between the shield of a communications cable and a conductor such as a strap bar, wire or braid. The 4460-S shield connector includes a plastic shoe to aid connector insertion and to protect conductors.

2.0 Components



Note: Visually inspect all components. If any component is missing or appears damaged, do not install and call 3M customer service at 1-800-426-8688 for a replacement product.

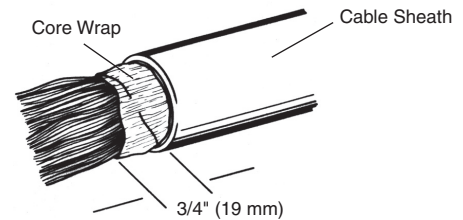
3.0 Tools Required

3/8" Terminal Wrench

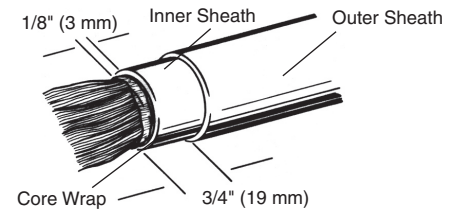
4.0 Cable Preparation

Note: For both single and double sheath cables, cut shield flush with sheath.

4.1 Single Sheath Cable



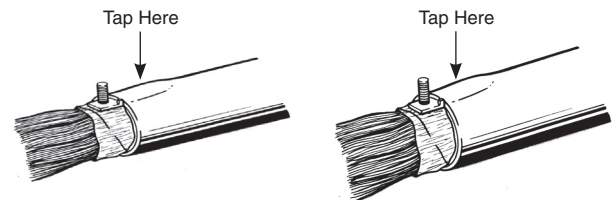
4.2 Double Sheath Cable



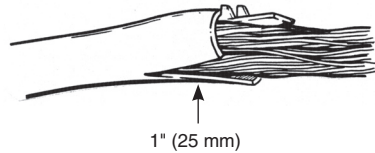
5.0 Installation

5.1 For 4460 connector insert base between shield and core wrap, or inner sheath for double sheath cable, until stops meet outer sheath. Tap sheath above shield connector base to set teeth.

For 4460-S connector insert plastic shoe between shield and core wrap, or inner sheath for double sheath, until stops meet outer sheath. The plastic shoe can be easily inserted by gripping back end with pliers. Then insert base of connector between shield and plastic shoe. Tap sheath above shield connector base to set teeth.

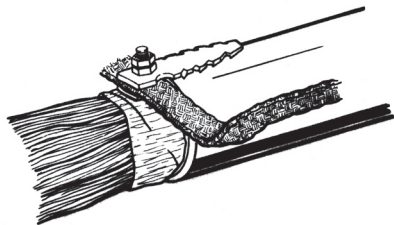


Note: *If shoe and/or base cannot be easily inserted, especially with cable less than 1" (25 mm) in diameter, cut a 1" (25 mm) slit in the sheath opposite connector, then complete procedure.*



- 5.2 Attach bond braid perpendicular to long axis of connector. Install top and securely fasten with nuts supplied. Torque nuts to 30-35 in-lbs (3.4-4.0 kgm).

Note: *Do not tap on top shield connector member.*



Note: *If additional jumper or ground wire is to be used, place wire(s) between securing nuts.*

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