

3M

Scotchlok™

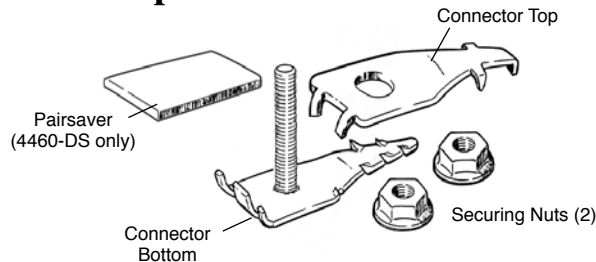
Shield Connectors 4460-D, 4460-DS

May 2008
78-8135-4338-2-C

1.0 General

The 3M™ Scotchlok™ Shield Connectors 4460-D and 4460-DS are designed to make a stable and low resistance electrical connection between communications cables of .80" diameter or less (100 pair, 24 ga. and under) and a conductor such as a strap, wire or braid.

2.0 Components



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

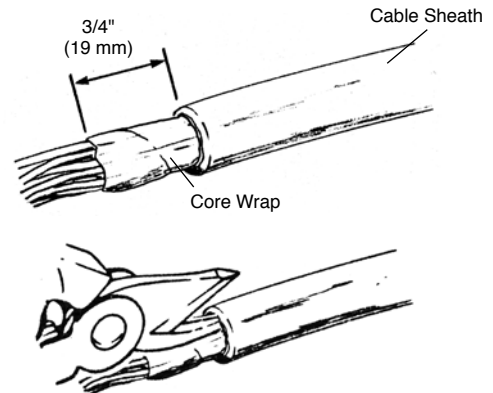
3.0 Tools Required

3/8" Terminal Wrench
Tabbing Shears

4.0 Cable Preparation

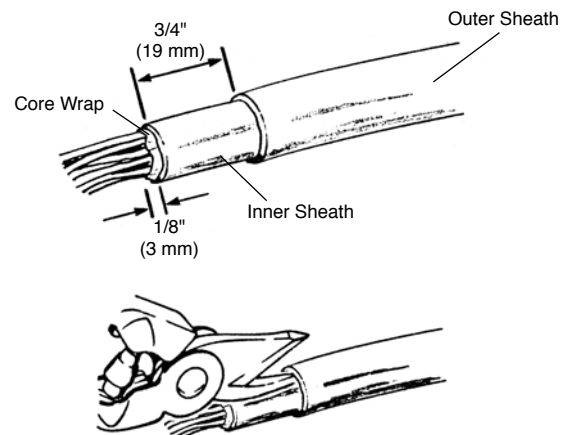
Note: For both single and double sheath cables, cut shield flush with sheath.

4.1 Single Sheath Cable



Note: All cables must be tabbed with a 1" (25 mm) slit on the side of the sheath opposite the connector, to ease insertion and to avoid conductor damage.

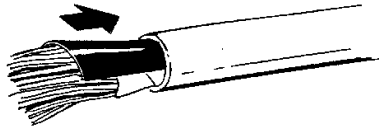
4.2 Double Sheath Cable



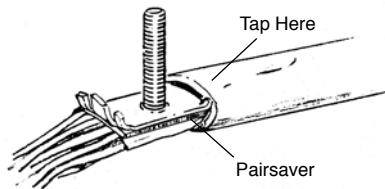
Note: All cables must be tabbed with a 1" (25 mm) slit on the side of the sheath opposite the connector, to ease insertion and to avoid conductor damage.

5.0 Installation

- 5.1 When using the 3M™ Scotchlok™ Shield Connectors 4460-DS on single-sheath cable, insert the Pairsaver insulating shoe between the core wrap and the shield.

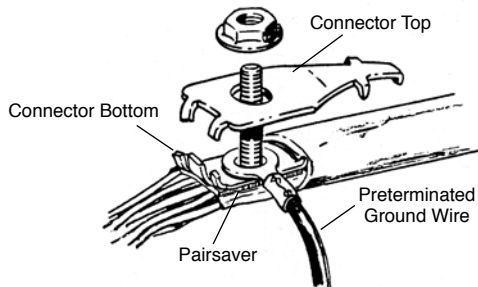


- 5.2 Insert connector base between shield and core wrap, or inner sheath for double sheath cable, until connector stops meet outer sheath. Tap sheath above connector base to set teeth.



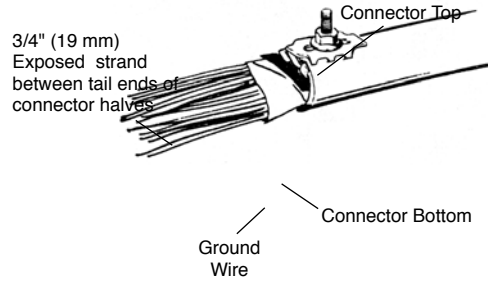
3M™ Scotchlok™ Shield Connector 4460-DS shown

- 5.3 Preterminated ground wire.



3M™ Scotchlok™ Shield Connector 4460-DS shown

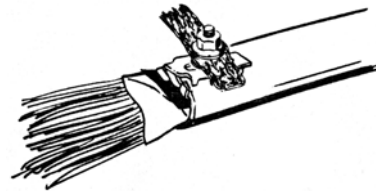
- 5.4 Exposed strand.



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Note: *Be sure that the insulation of the ground wire is not pinched between the connector halves.*

- 5.5 If bond braid or additional grounding or bonding hardware is used, install it above the first nut and secure it with the additional nut. Torque nuts to 30-40 in-lbs (3.4-4.0 kgm) with company approved tool.



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Note: *Use a company approved tool to achieve the torque requirement specified.*

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Communication Markets Division
3M Telecommunications
6801 River Place Blvd.
Austin, TX 78726-9000
1-800-426-8688
www.3MTelecommunications.com

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