

3M

Scotchlok™

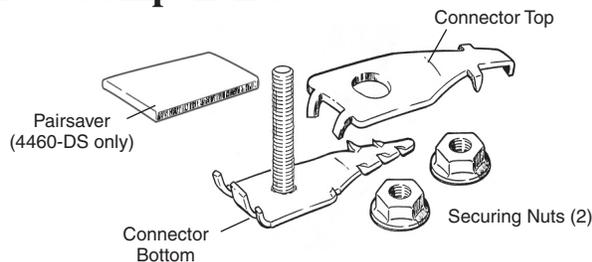
Shield Connectors 4460-D, 4460-DS

June 2005
78-8135-4338-2-B

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



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.

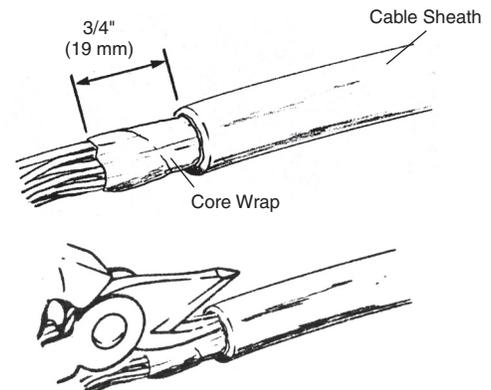
3.0 Tools Required

3/8" Terminal Wrench
Tabbing Shears

4.0 Cable Preparation

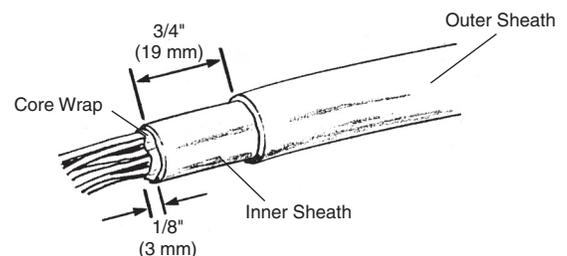
Note: For both single and double sheath cables, cut shield flush with sheath.

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.

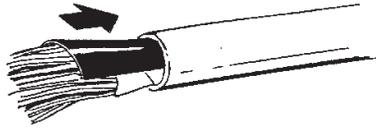
4.2 Double Sheath Cable



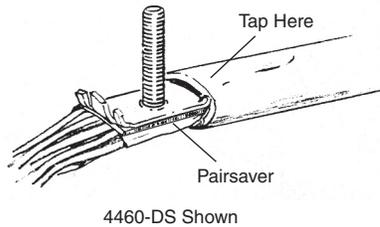
Note: All cables must be tabbed with a 1" (25 mm) slit on the side of the sheath opposite the connector, to ease insertion and to avoid conductor damage.

5.0 Installation

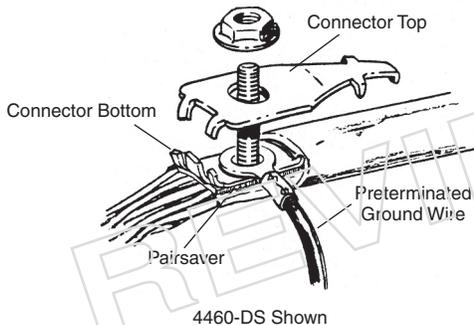
5.1 When using the 4460-DS on single-sheath cable, insert the Pairsaver insulating shoe between the core wrap and the shield.



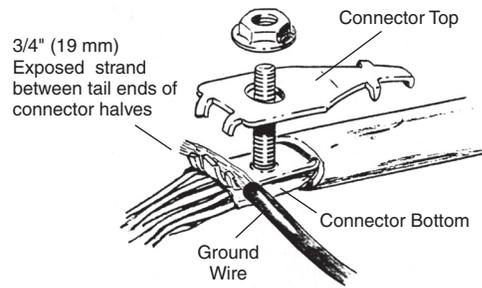
5.2 Insert connector base between shield and core wrap, or inner sheath for double sheath cable, until connector stops meet outer sheath. Tap shield above connector base to set teeth.



5.3 Preterminated ground wire.

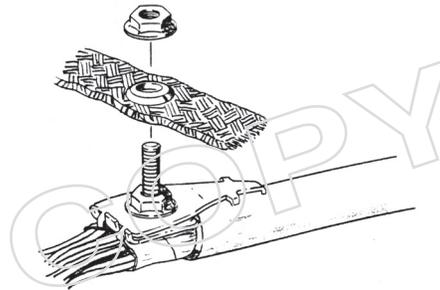


5.4 Exposed strand.



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 30-35 in-lbs (3.4-4.0 kgm).



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Communication Markets Division
3M Telecommunications

6801 River Place Blvd.
Austin, TX 78726-9000
800.426.8688
Fax 800.626.0329
www.3MTelecommunications.com



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