3M™ Scotchlok™ Shield Bond Connectors
4460-D, 4460-DS, 4460-DS/SS

Instructions

1.0 General
1.1 The 3M™ Scotchlok™ Shield Bond Connectors 4460-D, 4460-DS and 4460-DS/SS 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

![Image of components]

3M™ Scotchlok™ Shield Connectors 4460-DS/SS

3/4" long
3M™ Scotchlok™ Shield Connectors 4460-DS

3M™ Scotchlok™ Shield Connector 4460-D (no pairsaver)

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

3.0 Tools Required
A. 3/8" Terminal Wrench
B. Tabbing Shears

4.0 Cable Preparation

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

4.1 Single Sheath Cable

![Diagram of 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

![Diagram of 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 the connector base between the shield and core wrap, or inner sheath for double sheath cable, until the connector stops to meet the outer sheath. Tap the sheath above the 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 the bond braid or additional grounding or bonding hardware is used, install it above the first nut and secure it with the additional nut. Torque the nuts to 35-45 inch-lbs (4.0-5.2 kgm) with a company-approved tool.

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