

Installation Guide

Terminating 10GX Modules

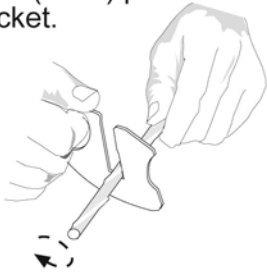
BELDEN

Version 02.00 2007 PX103771

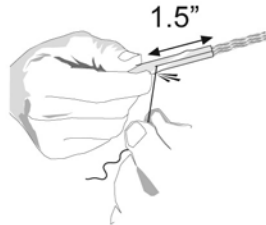
1 of 2 pages

1. Cable Preparation

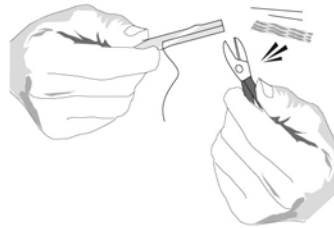
1.1 Using the Cable Preparation Tool (1797B), slit and remove approx. a 2" (5 cm) portion of jacket.



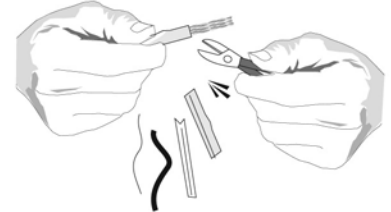
1.2 Slit jacket approx. 1.5" (4 cm) with ripcord.



1.3 Cut off excess portion at jacket edge.



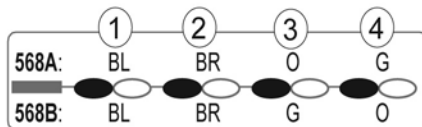
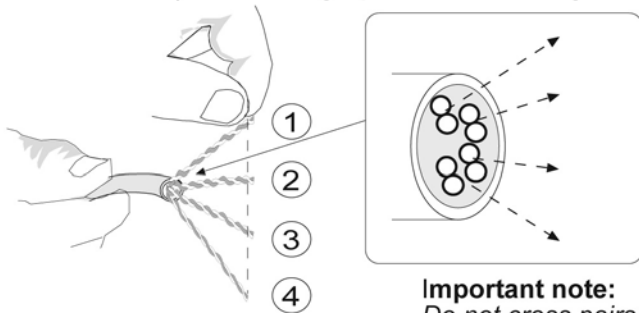
1.4 Cut off ripcord, jacket, SpiralFlex filler and cross-web, **at the same level.**



Note: Refer to the Cable Tool Instructions for complete details.

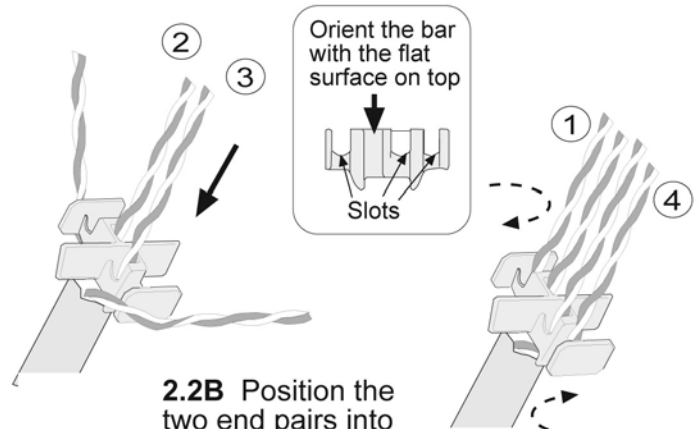
2. Wire Preparation

2.1 Select the appropriate wiring method below (568A or 568B) and arrange pairs into a straight line.



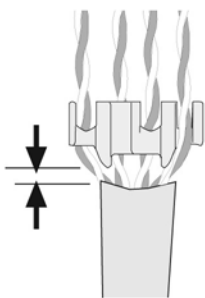
Important note:
Do not cross pairs over each other!
First, arrange pairs #1 and #4, then position pairs #2 and #3 in their natural line.

2.2A In sequence, position each of the two center pairs into the center holes in the termination bar.

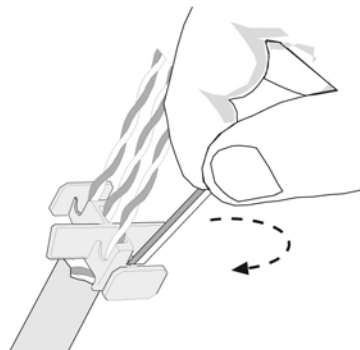


2.2B Position the two end pairs into the end slots.

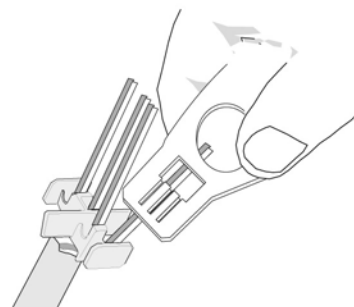
2.3 Ensure the termination bar (X-Bar) is positioned as close as possible to jacket edge!



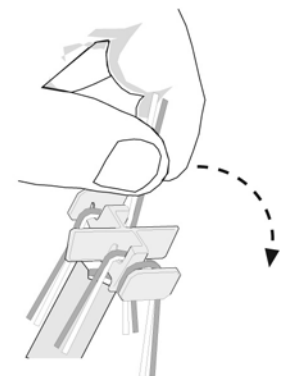
2.4 Fully untwist the four pairs level to the X-Bar.



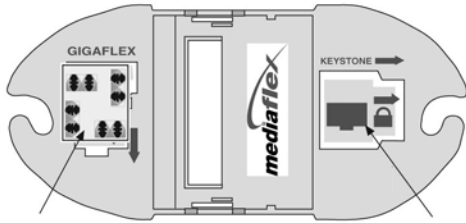
2.5 If Bonded-Pair cable is used in the system, use the Cable Preparation Tool (1797B), to partially split the four bonded pairs, then manually separate the pairs up to the X-Bar.



2.6 Fan the pairs in the direction of the slots in the X-Bar.



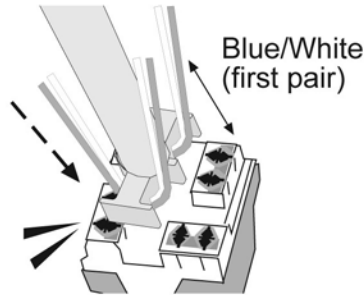
Installer's Tip! For extra stability, we suggest using the hand-held Termination Station (part # AX101852), shown below.



10GX Module MediaFlex Inserts KEYSTONE

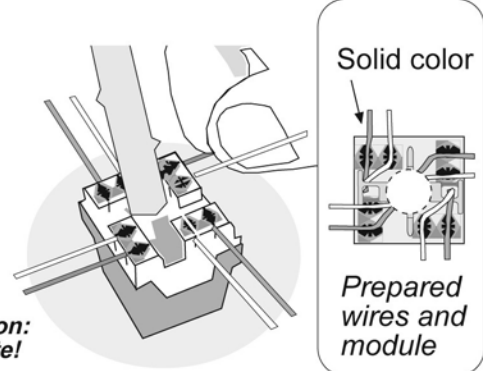
Visit our website for detailed installation procedures!

2.7 Snap the X-Bar assembly into the 10GX Module.



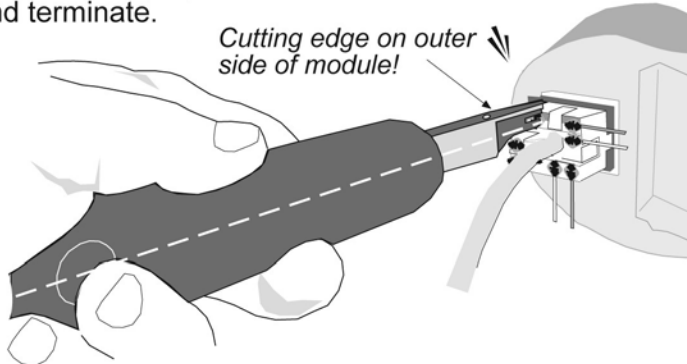
Verify Your Color Code Orientation: Blue/White matched to Blue/White!

2.8 Position and insert wires in module slots. Position the **solid color** of the pair in the **first pair slot**.



3. Terminating Conductors

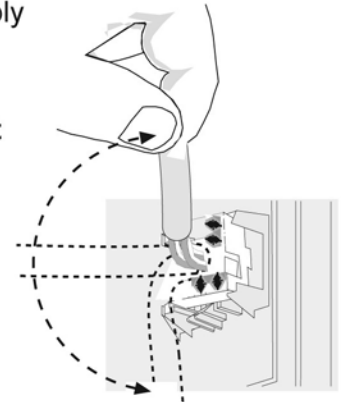
3.1 Hold tool perpendicular to module and terminate.



Note: Use a GigaFlex tool (AX100749), or an equivalent 110-type connecting tool.

4. Dressing Cables

4.1 Install the module assembly in the terminal, and dress the cable in an **upper, straight or lower vertical** position.



5. Removing Modules From An Insert

1. Push front of the module inwards with thumb, while releasing hooks.

2. Wedge tool to release **upper** hook.

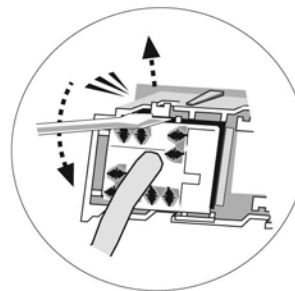
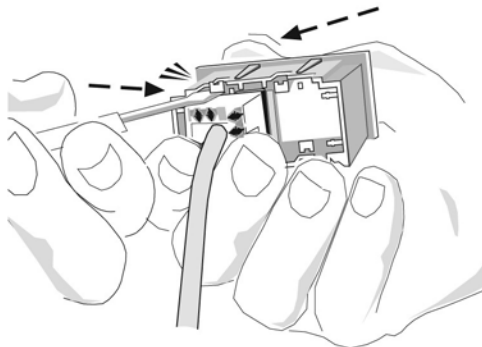
3. Wedge tool to release **lower** hook.

Use..



AX101185

..Or..



For additional technical information on Belden's 10GX Modules or our other connectivity products, call 1-800-858-7954

