

How to use the 3M2178 fiber optic splice closure



Article Overview

The 3M 2178 fiber optic splice closure is installed by preparing the cables, placing fibers in splice trays, bonding shielded cables if needed, and sealing the closure with proper gaskets and fasteners.

Step 1: Cable Preparation

- Remove the outer cable sheath carefully to avoid cutting or damaging the fibers underneath. Typically, remove 96 inches (2.43 m) of outer sheath for main cables and 48 inches (1.2 m) for branch or drop cables, adjusting for LXE cables as needed .
- Strip successive layers to expose the primary buffer tubes protecting the fibers. Clean all buffer tubes and dielectric strands to remove grease or debris .
- For armored or shielded cables, prepare the cable for a 4460-D Shield Bond Connector installation, ensuring the underlying layers are not damaged .

Step 2: Splice Tray Installation

- Use the 3M splice trays to organize and protect the fibers. The 2178 closure can accommodate multiple trays depending on fiber count and tray size .
- Place fibers in the trays, securing them with fusion splice holders or other compatible holders. Positionable or fixed splice inserts allow flexibility for different splice types .
- Ensure fibers are neatly routed to avoid bending below the minimum bend radius....

Article Content

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3MTM Fiber Optic Splice Closure 2178-L/S Series with Gasket

Note: For clarity, the 3MTM Fiber Optic Splice Closure 2178-S has been shown. Installation procedures are the same for all

3MTM Fiber Optic Splice Closure

The closure has two 1" ports and one 1.4" port in the center. The 2178-XSB splice closure can accommodate two 3MTM Fiber Optic

3M™ Fiber Optic Splice Closure 2178

Note: Use only clean, dry air or nitrogen from your company-approved source. 7
Figure 37 Note: Use only E-pressure testing solution

3M Fiber Optic Splice Closure 2178 | PDF

3M(tm) Fiber Optic Splice Closure 2178 family includes new models and configurations. 2178 family has earned reputation for

3MTM Fiber Optic Splice Closure 2178 Family

The 3MTM Fiber Optic Splice Closure 2178 family can be effectively used in nearly any environment including aerial (pole and strand)

3M Fiber Optic Splice Closure 2178-LS Series with Gasket

Note: Proper sealing of the 3M Fiber Optic Splice Closure 2178-LS and 2178-LS-FR Series depends on strict adherence to these

3M Fiber Optic Splice Case 2178-XSB

3M Fiber Optic Splice Case 2178-XSB 3MTM Fiber Optic Splice Case 2178-XSB As more fiber is deployed in the distribution

3M Fiber Closures Smart design makes your job easier.

The 3MTM Fiber Optic Splice Closure 2178 family provides many models and configurations, so you can expand and future-proof

2178 Fiber Closure

The Fiber Optic Splice Closure 2178 family can be effectively used in nearly any application including aerial (pole and strand) mount,

3M 2178-S SPLICE CLOSURE

3M™ Fiber Optic Splice Closure 2178-S is made of highly chemical-resistant material allows you to use it in buried, underground and

2178 Splice Closure S/LS/LL/SL | Corning

The compact Fiber Optic Splice Closure 2178 is engineered to meet common needs and field conditions, with different sizes to

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3M Fiber Optic Splice Closure 2178-LS Series with Gasket

1.0 General 1.1 This instruction bulletin details the installation of the 3MTM Fiber Optic Splice Closures 2178-LS Series.

3M 2178-L SERIES INSTRUCTIONS MANUAL Pdf Download

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3M Fiber Closures Smart design makes your job easier.

3MTM Fiber Optic Splice Closures 2178 The 3MTM Fiber Optic Splice Closure 2178 family provides many models and

3M Fiber Optic Splice Closure Guide

The document provides detailed instructions for the installation and assembly of the 3M™ Fiber Optic Splice Closure 2178-XL and

Fiber Optic Slice Closure

To prevent buffer tubes and fibers from being damaged or pinched between adapters and the closure, the adapters must be pulled

Fiber Optic Splice Closure 2178 Family

You want to build reliable FTTP networks faster and cheaper. The expanded Fiber Optic Splice Closure

3M Fiber Optic Splice Closure 2178 Family Flexible Fiber

The 3M Fiber Optic Splice Closure 2178 family includes seven distinct models (XSB, XLB, S, SL, LS, LL and XL) in both flame

3M 2178-L SERIES INSTRUCTIONS MANUAL Pdf Download

Inspect closure base and ensure the surface is clean and free from any debris. The gasket is factory installed in the 3M™ 2178-L/S

Flexible Fiber Management Solutions

Flexible environment applications The Fiber Optic Splice Closure 2178 family can be effectively used in nearly any application

3M (TM) Fiber Optic Splice Closure 2178-LS/FR

Specifically designed for inline or butt splicing applications, the closure has two 1.0" cable entry ports per end. The multiport grommet

Contact Us

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