

Double-ended optical cable splice closure products



Article Overview

Double-ended optical cable splice closures are robust enclosures designed to protect and organize fiber optic splices for both straight-through and branch connections in aerial, underground, and direct-burial applications.

Overview

Double-ended optical cable splice closures, also known as optical cable splice boxes, are essential for fiber optic network protection and splicing. They provide a secure environment for fiber connections, shielding them from environmental factors such as heat, cold, moisture, dust, and mechanical stress like vibration or twisting . These closures are suitable for trunk optical cable projects, metropolitan area networks, industrial networks, and FTTH access networks .

Key Features

- **Environmental Protection:** High-strength materials ensure IP68 watertightness and dust protection, with flame-retardant and waterproof properties .
- **Mechanical Strength:** Designed to withstand vibration, impact, and cable stretching or twisting, ensuring long-term reliability .
- **Capacity:** Available in various sizes, supporting 144 to 288 splices depending on the model .
- **Versatility:** Compatible with aerial, duct, and buried installations, and suitable for both straight-through and branch connections

Article Content

Feb 24, 2026

Fiber Splice Solutions

Comprehensive fiber splice solutions offering versatile, user-friendly, and cost-effective optical splice closures for various applications.

Dec 30, 2025

The FOA Reference For Fiber Optics

Due to the importance of closure integrity, it is recommended that you purchase brand name products from trustworthy suppliers to

Nov 01, 2025

Fiber Optic Cable and Splice Closure Solutions | Corning

RocketRibbon® Cable and 2178-XL Closures Our Fiber Optic Splice Closure 2178 family is ideal for our RocketRibbon® and SST

Jun 03, 2026

Apex® X-2 Sealed Splice Closure

Apex X-2 is a sealed fiber optic splice closure designed for protecting optical fiber splices in both above or

Nov 21, 2025

Apex® X-1 Sealed Splice Closure

Discover the AFL Apex X-1, a compact and reliable sealed fiber optic splice closure designed for various deployment environments

Feb 11, 2026

Fiber Optic Closures | Optical Communications | Corning

Corning Fiber Optic Splice Closures are designed for splicing fibers in aerial, duct and buried applications.

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Fiber Optic Splice Closures | Sealed and High-Density

AFL offers robust fiber optic splice closures—including Apex® high-density and LightGuard® weathertight

Dec 16, 2025

Fiber Splice Closures, Fiber Splice Enclosure | Primus Cable

Amidst our wide selection of fiber optic based products, we offer a plethora of Fiber Splice Closures and Fiber Splice Enclosures to

Apr 09, 2026

Fiber Optic Cable and Splice Closure Solutions | Corning

It is a fiber enclosure that is either watertight or breathable, aimed at protecting optical fiber splices and connectors coming from

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Fiber Optic Cable and Splice Closure Solutions | Corning

Corning offers optimized pairings of fiber closures and cable types to help you decide what's essential to your network's set up.

Mar 28, 2026

Fiber Optic Splice Closure

Fiber optic splice closure is a device that provides space for optical fiber fusion splicing and protection for fiber optic cables and fiber

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Fiber Optic Splice Closures | Graybar Store

Shop Our Inventory Of Fiber Optic Splice Closures Online. Graybar Is Your Trusted Distributor For Fiber Optic Closures.

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Fiber Optic Closures: A Comprehensive Selection Tutorial

Conclusion Selecting the right fiber optic closure is crucial for ensuring the protection, organization, and

Jan 03, 2026

Fiber Optic Splice Closures (FOSC)

The fiber splice closures deliver proven reliability, flexibility and environmental protection for FTTH networks, supporting applications

Aug 30, 2025

Fiber Splice Closure Types and Uses 2025

Selecting the right fiber splice closure is vital for different environments and applications. Key Takeaways Fiber splice

Aug 15, 2025

Splice Closure Selection Guide

Optical Splitters and Components for FSDC Amphenol Fiber Splitter Trays (CFST) can be used installed in splice closures for

Oct 23, 2025

Fiber Optic Splice Closures Datasheet | FS

It is a kind of multi-purpose optical cable connection product, which can connect and divide optical fiber. The unit has four cable ports

Apr 02, 2026

Fiber Splice Closure-Egix_Optical Cable Assemblies

The fiber splice closure is a sealing protection device for fiber cable splicing and branching, featuring waterproof, moisture-proof, and

Jan 07, 2026

Fiber Optic Enclosures & Outdoor Splice Closures | Multilink

Starfighter™ Dome Enclosure Starfighter™ Fiber Optic Dome Splice Enclosures are an “all parts” inclusive hermetically sealed splice

Nov 12, 2025

Fiber Optic Splice Closure, Electrical Cable Junction Box Manufacturer

Fiber optical splice closure is widely used in communication, network systems, CATV cable TV, optical cable network systems, and

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Fiber Splice Closures for FTTX Access

To tackle the variety of challenges service operators face when deploying fiber, CommScope has created a

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Fiber Dome Closures | Fiber Optic Closures | Corning

Fiber Dome Closure, FDC, is intended to meet the needs of anyone using fiber optic splice closures in the

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Double-ended optical cable splice box (horizontal)

The sturdy optical cable splice box shell and main structural parts can withstand the harshest environmental changes. At the same

Oct 16, 2025

Fiber Optic In-Line Splice Closure (FISC) – PPC Broadband | Product

Ultra small, suitable for all applications, 2-16 cable entries, 12F-864F The PPC Fiber Optic In-Line Splice Closures (FISC) are

Aug 18, 2025

Fiber Optic Splice Closure 2178 Family

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

Feb 26, 2026

Fiber Distribution & Repair Closures (FDRC) | Small Splice Closure ...

Amphenol Charles Industries (ACI) Fiber Distribution & Repair Closures (FDRC) are very compact units. They can be used as a

Sep 13, 2025

Splice Closures | Clearfield

The CraftSmart ® Splice Closure delivers robust, re-enterable protection for fiber splices in demanding outside plant (OSP)

Aug 04, 2025

Guide to Fiber Optic Splice Closure: Importance, Types ...

Fiber optic splice closure plays a crucial role in the installation and maintenance of fiber optic networks. In this article,

May 03, 2026

How to Choose the Right Fiber Optic Splice Closure:

Discover how to select the ideal fiber optic splice closure for FTTx, aerial, and underground

Aug 18, 2025

CCL Optoelectronics | Heat Shrink Splice Joint Closure

CCL Opto's heat shrink splice joint closure is used to house optical fiber splices and cables in secured condition. This closure is

Aug 10, 2025

FS Community

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Aug 10, 2025

Fiber Optic Closures

Corning Fiber Optic Splice Closures are designed for splicing fibers in aerial, duct and buried applications.

Apr 09, 2026

Everything You Need to Know about Optical splice closure

A optical splice closure is a protective enclosure that houses and shields fiber optic splices. These closures offer both

Contact Us

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