

Special clamps for cold splicing optical cables



Overview

(Part Number: NRSPSP000016) Requires NO adjustment with tools. Simply open, lay cables across surface, flip top of clamp down and tighten the large machine.

Key Takeaways

Cold splicing optical cables requires specialized clamps like the Fiber Reaper or COLD CLAMP-2 to securely hold fibers during splicing without heat.

Types of Cold Splicing Clamps

1. **Fiber Reaper Clamp:** This clamp features an adjustable strap that can securely immobilize fiber optic cables of various diameters and configurations during splicing. It is designed for repeated use in field or lab environments and is made from durable 10-gauge A36 steel, ensuring long-term reliability and stability while splicing optical fibers .
2. **COLD CLAMP-2:** Sold in packs of five, these clamps are one-time use consumables designed for jelly-filled, acrylate-coated, and armored fiber optic cables. They are calibrated for precision and are suitable for temporary immobilization during cold splicing operations .

Key Features to Consider

- **Reusability:** Some clamps like the Fiber Reaper are reusable, while others like the COLD CLAMP-2 are generally single-use.

- **Cable Compatibility:** Ensure the clamp can handle the specific type of fiber, whether standard, armored, or jelly-filled.
- **Durability:** Steel or high-grade materials provide stability and prevent fiber movement during splicing.
- **Adjustability:** Adjustable clamps allow for different cable diameters and configurations, improving efficiency in the field.

Additional Accessories

For complete cold splicing setups, you may also need:

- Splicing protection holders and sleeves to protect the splice after clamping .
- Prep and termination kits for fiber cleaning and alignment .
- Compact splicing cartridges for organized and safe splicing in data centers or field enclosures .

Where to Source

- **Fiber Reaper:** Available directly from Fiber Reaper, USA .
- **COLD CLAMP-2:** Available from Kingfisher International, Australia .
- **General splicing accessories:** Suppliers like CommScope and LAPP provide a wide range of clamps, sleeves, and splicing tools .

Using the right cold splicing clamp ensures fiber stability, reduces splice errors, and protects delicate optical fibers during installation or repair.

Article Content

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FasClamp Fiber Optic Cable Clamp System | GME Supply

By gripping the cables, this clamp can be used in any prepping or splicing scenario without being limited to enclosure style.

Fas-Clamp Fiber Optic Cable Clamp

Requires NO adjustment with tools. Simply open, lay cables across surface, flip top of clamp down and

Fiber Optic Cable Clamp FASCLAMP-XL

I designed this clamp with 25 years in the field as a fiber splicer. I have used various other clamps and methods and found this

Fiber Grip Splicing Clamp

The FIBER-GRIP will securely hold and manage loose fiber, ribbon, tubes, or cables up to .5" diameter

Fiber Optic Cable Management and Labeling Products

Rack and wall mount fiber optic patching & splicing housings from Corning, AFL, Multilink, Leviton. Splice trays, cable ties, label

Premium Fiber Products Online | Fiber Reaper

The Fiber Reaper is able to grip and restrain your cables faster, easier and more secure than any other fiber optic cable splicing

FIB Universal Fiber Splice Clamp Kit (900um,2.0mm,3.0mm)

The FIB fiber optic clamp is designed to prevent the optical fiber from pistoning inside buffer or cable jacket during

Kingfisher Cold Clamp w/ 5 Cold Clamps & Consumables

Pack of 5 Cold Clamps Used to locate the exact physical position of a hidden underground cable fault or break, within less than 1

FasClamp Fiber Optic Cable Clamp System | GME Supply

FasClamp Fiber Optic Cable Clamp System Fasclamp is a fiber optic cable clamp that is used to secure

fiber optic cold connection

Fiber optic cold connection, also known as mechanical splicing, is a widely used method of connecting optical fibers in a

Fiber Reaper Company Details | About

Drawing on his extensive field experience, Jeremy developed the Fiber Reaper, a versatile and durable

The FOA Reference For Fiber Optics

Choosing a connector type for any installation should consider if the connector is compatible with the systems planned to utilize the

Fiber Tools, Consumables & Accessories

CommScope features a family of tools and components for the installation, repair and maintenance of fiber cables, including prep

Fiber Optic Cable Splicing Methods: A Practical Guide

While this guide provides a solid overview of fiber optic cable splicing, the successful execution of these methods

What Is Fiber Optic Cable Splicing? A Beginner's Guide

Fiber optic splicing is often the preferred way to connect two fiber optic cables because it

Fiber Optic Cable Splicing Explained

Splicing in optical fiber is the joining two fiber optic cables together. There are 2 methods of cable splicing, mechanical

FASCLAMP Fiber Optic Cable Clamp

Keep cables secure and enclosures from moving around while preparing and splicing. Easy open clamp

10pcs Fiber Optic Mechanical Splice FTTH Fast Connector ...

Use and characteristics: The optical fiber cold sub uses two pigtail when docking, its main parts inside is a precision V groove butt

Fiber Cable Clamps & Grounding Kits

CommScope designs and manufactures a variety of Fiber Cable Clamps and Grounding Kits

Fiber Optic Splicing Clamp

Take your fiber optic splicing to the next level with this Heavy Duty Fiber Optic Splicing

Fiber Optic Cable Clamp FASCLAMP-XL

FasclampXL is a fiber optic cable clamp that is used to secure the fiber cables and prevent movement while prepping and splicing

How to Terminate Fiber in Seconds

In this video, we'll guide you through preparing and terminating fiber optic cables using

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Cable Ties, Clamps, Twist Locks for Fiber Cable Management

High quality cable management products that keep fiber cables' minimum bending radius to prevent fibers from being damaged. By

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Learn the essential steps and tools for preparing fiber optic cables for connectors or

5pcs L925B Fiber Optical Cold Fast Splicer Connector Bare ...

Amazon : 5pcs L925B Fiber Optical Cold Fast Splicer Connector Bare Fiber Tail Fiber Rapid Connection : Industrial & Scientific

The difference between optical fiber cold splicing and ...

Very inconvenient. 3. The optical fiber loss after hot-melting is low, and the optical fiber connector of cold splicing is

Cold Clamp C

The Cold Clamp is of interest to anyone responsible for the precise physical location of optical faults in jelly filled fibre optic cable up

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What is Fiber Cold Splice?

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The Complete Step-by-Step Guide to Fiber Optic Splicing

In this guide, we cover the basics of fiber optic splicing, how to perform splicing using two different methods, and finally some best

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This article provides an overview of fiber optic connectors, splicing techniques, and maintenance practices. It explains

Fiber Optic Cable Clamp (Tabletop Suction Mounted)

9S27 Benefits QUICK AND EASY TO SET UP SUCTION CUPS GRIP TO ANY SMOOTH FLAT SURFACE. GREAT FOR

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