

How to install fiber optic glass sleeves



Overview

In this video, we explore the FIS UltraSleeve® Protection Sleeve and how to install UltraSleeve® onto a pair of fused optical fibers. Unlike electrical cables, optical fibers are highly sensitive to bending stress, surface contamination, and uneven mechanical pressure. 0:09 What Is the FIS. Whether you're building new FTTH networks or maintaining existing ones, this guide will walk you through the types, materials, applications, and best practices for selecting and using fiber optic splice sleeves. What is a Fiber Optic Splice Sleeve?

A Fiber Optic Splice Sleeve is a protective tube. The Fiber Optic Association, Inc. (FOA) was founded in 1995 to help develop the workforce to build the fiber optic networks to support a rapid expansion in communications and the Internet. Who is Draka Communications?

Draka Communications - part of Draka Holding N. situated in Amsterdam - offers a variety of reliable products in copper and fibre optic technology.



Article Content

Nov 17, 2025

Comprehensive Guide to Fiber Optic Splice Sleeve

Whether you're building new FTTH networks or maintaining existing ones, this guide will walk you through the types, materials, applications, and best practices for selecting and using fiber ...

Jun 05, 2026

All You Need to Know About Fiber Protection Sleeves

First, slide the protection sleeve onto the fiber (this can be very challenging so we recommend using the Quick Sleever® PSI-15). Then, perform the fusion splice. After the fusion ...

Mar 19, 2026

A Guideline for Laying of Cables and Installation of Sleeves

On the following pages we provide a verbal and pictorial description of the procedure for installing a sleeve. Please note in every case the parameters of the sleeve manufacturer, the information sheets ...

Nov 23, 2025

FOA Standard For Installing Fiber Optic Cable Plants

This standard covers fiber optic cabling installed for communications networks, both indoor (premises installation) and outdoor (outside plant - OSP installation) applications.

Dec 14, 2025

Procedure for installing an optical fiber sleeve

The installation procedure of the fiber sleeve is a key process to ensure the quality and stability of the fiber connection. The following are the general installation steps for reference:

Jul 18, 2026

Fiber Optic Cable Protection Sleeve Installation Guide

A clear and structured installation process is essential for ensuring the effectiveness of a fiber optic cable protection sleeve. By following defined steps—cleaning, measuring, positioning, ...

Jun 18, 2026

Optical Fiber: How to Install Splice Protection Sleeve

How to correctly install the splice protection sleeve after the Fiber Fusion splicing. A spliced bare fiber is very fragile. so a protection is necessary.

Apr 16, 2026

How To Use A Protection Sleeve | FIS UltraSleeve® Protection Sleeve

In this video, we explore the FIS UltraSleeve® Protection Sleeve and how to install UltraSleeve® onto a pair of fused optical fibers. ...more

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Master Your Fibre Optic Installation: Step-by-Step Best Practices

This comprehensive guide delves into the intricacies of fiber optic installation, exploring topics ranging from cable types and pre-installation considerations to execution, safety protocols, ...

Dec 22, 2025

Fibre Optic Cable Splicing Guidelines | PDF | Optical Fiber | Wire

Key steps include cutting the cable, stripping back the jacket, cleaving the fibers, splicing with loss measurement, applying a protective sleeve, and installing the joint enclosure.

Contact Us

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