

What types of fiber optic splicing consumables are available



AI Overview

Key consumables for fiber optic splicing include cleaning supplies, protective sleeves, fiber strippers, and inspection materials to ensure low-loss, reliable splices.

Essential Consumables

1. Cleaning Materials

- Lint-free wipes and isopropyl alcohol (IPA) pens for cleaning fiber ends and connectors before splicing .
- One-click cleaners for LC/SC connectors to maintain optimal signal quality .
- Cable gel cleaner for removing protective gel from cables in certain installations .

2. Protective Sleeves and Heat-Shrink Tubes

- Heat-shrink protection sleeves (typically 60 mm / 2.4 in) to protect fusion splices .
- Extra sleeves should always be carried to replace damaged or used ones during field work .

3. Fiber Preparation Consumables

- Fiber strippers for removing coatings without damaging the core .
- Precision cleavers to produce clean, angled fiber ends for fusion splicing .
- Kevlar scissors for cutting strength members in fiber cables .

4. Testing and Verification Consumables

- Visual fault locators (red laser, 650 nm) for tracing fibers and identifying breaks .
- OTDR launch and receive cables to verify splice quality and continuity .
- Calibrated power meters for measuring insertion loss and ensuring splice performance .

5. Safety and Waste Management...

Article Content

Aug 24, 2025

Fiber Optic Pigtail: The Complete Guide to Types, Splicing Methods ...

This guide covers everything: what fiber optic pigtails are, how they differ from patch cords, which connector and

Nov 29, 2025

Fiber Optic Splicing: A Beginner's Guide - VCELINK

Fiber optic splicing joins two fiber optic cables end to end seamlessly to create a continuous

Dec 30, 2025

Fiber Optic Splicing Types, Methods, and Applications

Fiber optic splicing is essential for building and maintaining reliable, high-speed communication networks.

Oct 19, 2025

The FOA Reference For Fiber Optics

The connection loss of this type of termination includes the typical connection loss tested when mated to a reference connector plus

Dec 26, 2025

What is the Splicing of Optical Fibers & Their Techniques

To overcome the disadvantages of optical fiber connectors, the splicing of optical fibers is used to maintain permanent connections

Feb 28, 2026

A complete guide to fiber optic fusion splicing from start to finish ...

How fiber optic splicers work, types, what they are used for. Steps to use this equipment and including how to test your

Apr 03, 2026

The FOA Reference For Fiber Optics

Fusion splicing machines are available in two types that splice a single fiber or a ribbon of 12 fibers at one

Jun 01, 2026

Fiber Splices – mechanical splicing, fusion splicing, insertion loss ...

What are Fiber Splices? Fiber splicing means joining two optical fibers (permanently or temporarily) such that light guided in one fiber

Nov 15, 2025

Fiber Optic Cable – Method of Joining and Fusion Splicing

Learn about the fiber optic cable operating principle, types, connectors, method of joining and fusion splicing.

Mar 12, 2026

Fiber Optic Tools and Consumables | Leviton Network Solutions

Fiber Optic Tools In a fiber optic network, a clean mated pair can make the difference between high performance and network

May 05, 2026

How to Splice Fiber Optic Cable – Step-by-Step Fusion Splicing Guide

Splicing fiber optic cable is an extremely important phase for making dependable, high-speed communication

Jun 21, 2026

Essential Guide to Selecting Fiber Optic Splicing Tools and Kits

Selecting the right fiber optic splicing tools and kits can be challenging for many fibre optic engineers and installers.

Aug 13, 2025

Fiber Optic Splicing Types, Methods, and Applications

Fiber optic splicing is primarily categorized into two methods: fusion splicing and mechanical splicing. Each

Mar 08, 2026

MastrLstEquipInstaller4-17

Sources of Fiber Optic Tools and Supplies Many of these tools are available from cabling or electrical distributors. Be wary of buying

Dec 29, 2025

Fiber Splicing Consumables and Accessories

Spec Sheet The Fujikura CT60 Fiber Cleaver is engineered for precision and durability, offering motorized blade rotation and

Apr 30, 2026

Fiber Optic Tools and Consumables | Leviton Network Solutions

Leviton's FASTCURE Consumables Kit contains everything you need to clean and polish single mode and multimode FASTCURE

Sep 17, 2025

The FOA Reference For Fiber Optics -Mechanical Splices

Mechanical Splices Splices, from left, fusion splice, Elastomeric, Ultrasplice, Camlock, FiberLok, AT& T Rotary Splice Mechanical

Oct 16, 2025

Two Types of Fiber Optic Termination: Connector and Splicing

Using connector or splicing to terminate fiber optic cables are the two main ways for fiber cross-connection and

Feb 21, 2026

Fiber Tools, Consumables & Accessories

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

Mar 02, 2026

Tools & Materials Checklist — Fiber Optic Technician Equipment —

Complete list of tools and materials you need for fiber optic field work. All standards based on fusion splicing only — the industry

Jul 07, 2026

Cable Splicing, Fusion Splicers, Splice Sleeves

Specialized Products offers fusion splicers, fiber splice sleeves and fiber cable splicing accessories required for all your fiber optic

Feb 20, 2026

Fiber U Basic Skills Lab Workbook-splicing

Tools And Materials Needed Safety Glasses ST patch cord Fiber Optic stripper Test equipment: VFL and OLTS, reference test

Mar 17, 2026

Complete Guide to Fiber Optic Connectors and Splicing

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

May 23, 2026

Fiber Splices – mechanical splicing, fusion splicing, insertion loss ...

The two main types are fusion splicing, which permanently melts and fuses the fiber ends together, and mechanical splicing, which

Dec 25, 2025

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

Explore fiber optic cable splicing and its advantages over connectorization. Learn how to

Jul 26, 2025

Different types of Fiber Splicing

Fiber optic splicing is an important method of joining two fiber optic cables together. It is a preferred solution when an available fiber

Jan 03, 2026

Mechanical vs. Fusion Splicing: Which Is Right for You?

Comparing mechanical and fusion splicing for fiber optic cabling: costs, performance, and more. Discover the right

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://ntmmgroup.co.za>

Email: sales@ntmmgroup.co.za

Phone: +27 82 471 2596

Address: Unit 7, Optic Park, 24 High-Tech Lane, Century City, Cape Town,
7441, South Africa

This document is for informational purposes only. Specifications subject to
change without notice.

