

Useful fiber optic heat shrink tubing



Article Overview

Fiber optic heat shrink tubing is primarily used to protect, insulate, and reinforce fiber optic splices and cables, ensuring reliable performance and durability in various environments.

Mechanical Protection

Fiber optic heat shrink tubing provides a durable outer layer that shields delicate fiber optic cables from physical damage caused by bending, abrasion, or impact. The inclusion of a stainless steel or ceramic reinforcement rod within the tubing prevents micro-bending and breakage at splice points, maintaining the structural integrity of the fiber during installation and handling .

Environmental Protection

These tubes create a moisture- and dust-resistant seal, protecting fiber optic splices from water, humidity, chemicals, and UV exposure. This barrier helps prevent signal degradation and extends the lifespan of the cable, making it suitable for outdoor, underground, and harsh environmental conditions .

Splicing and Termination

Heat shrink tubing is widely used in fusion splicing and termination. When two fiber optic cables are joined, the tubing rebuilds the coating at the fusion joint, providing mechanical strength and preserving optical transmission properties. Clear tubing allows technicians to inspect the splice visually before and after shrinkage, ensurin...

Article Content

Optic Fiber Heat Shrink Tube

KeHong Enterprises is one of the most professional optic fiber heat shrink tube manufacturers and suppliers. We have our own

Amazon : Fiber Splice Sleeves

Fiber Optic Fusion Splice Sleeves 60mm x 2.6mm – 500 Pcs Bulk Heat Shrink Protectors for Fusion Splicer – Commercial-Grade

Fiber Optic Protection Splicing Sleeves Heat Shrink Tube

A specially designed cross-linked clear heat shrinkable tubing, with clear fusion tubing liner, providing strength member and

Fiber Optic Closure Heat Shrink Tube

Heat Shrink Tube for fiber optic closure is made from heavy wall cross-linked polyolefin, coated with spiral polyamide adhesive inside

Heat Shrink Tubing for Fiber Optic Closures

Heat Shrink Tubing for Fiber Optic Closures Insutek KFSC series of Fiber Optic splice closure heat shrinkable tube, is kind of

500pcs Optical Fiber Heat Shrink Tubes Fiber Optic Heat Shrink

Application : This optical fiber heat shrink tube is suitable for welding machines, fiber optic photometers, fiber optic

200Pcs 60mm Fiber Optical Heat Shrinkable Tubes Dia 2.6mm

Reliable Design--The lock design at both ends of this fiber optic heat shrink tube can effectively prevent the inner steel

Fiber Shrink Tube Fiber Splice Tube

Customizable color options for convenient installation and identification. Available with single fiber and ribbon fiber. Customized

Heat Shrinkable Tubing for Fibre Optic Splice Closure

Manufactured from cross-linked polyolefin, this tubing combines UV stability, corrosion resistance, and high mechanical strength,

Contact Us

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

Website: <https://www.gmarkconstruction.co.za>

Email: sales@gmarkconstruction.co.za

Phone: +31-6-15-38-72-94

Address: Herengracht 456, 1017 BS Amsterdam, Netherlands

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

