

Fiber optic heat shrink tubing 60mm



AI Overview

60mm fiber optic heat shrink tubing is designed to protect fusion splices, maintain optical transmission, and provide mechanical strength using 304 stainless steel and cross-linked polyolefin. Key Features

Material and Construction: These tubes typically consist of a 304-grade stainless steel rod, a hot fusion heat shrink tubing, and cross-linked polyolefin. This combination provides mechanical strength at the fusion joint, protects the fiber coating, and maintains optical transmission properties. The stainless steel is polished and burr-free to prevent fiber damage during installation.

Dimensions: Standard 60mm length tubing usually has an inner diameter around 1.3mm and an outer diameter around 2.6mm, suitable for most single-fiber splicing applications. The length ensures full coverage of the splice area.

Temperature and Environmental Resistance: The tubing can operate in temperatures from -45°C to +100°C, with a minimum full recovery temperature of 120°C. It is resistant to moisture, corrosion, heat shocks, and UV exposure, making it suitable for indoor and outdoor installations, including coastal environments.

Installation and Protection: The clear sleeve allows easy detection of the splice before shrinking. The heat shrink tubing locks at both ends, preventing the steel rod from falling out and ensuring a secure, stable connection. This design minimizes the risk of fiber breakage and signal loss during fusion splicing. The airproof configuration also provides humidity and temperature resistance at the splice point.

Applications: Ideal for fiber optic fusion splicing, these tubes are compatible with various fiber optic systems, including FTTH (Fiber to the Home) installations. They are widely used by professionals to reinforce splices, protect fibers, and extend service life.

Package Options: Many suppliers offer kits containing 100 pieces of 60mm heat shrink tubing, providing sufficient quantity for multiple splicing projects.

Summary 60mm fiber optic heat shrink tubing is a durable, high-performance solution for protecting fiber splices. Its combination of st...

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Heat Shrinkable Tubing:Heat-shrinkable design ensures a secure and airtight seal, protecting fiber optic connections from moisture and temperature fluctuations.

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Heat Shrink Fiber Optic Fusion Splice Protection Sleeve | 60mm

This 60mm heat shrink fiber optic fusion splice protection sleeve is a type of protection component which is designed to preserve complete environmental and mechanical integrity of coating or buffer of

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60mm Fiber Optic Heat Shrink Tubing 100 Piece Set for Securing

Wide applicability: suitable for fibre splicing parts, this heat shrink tube is and can be used in a variety of applications. Available in a length of 60mm and in a clear colour.

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200pcs 60MM Heat Shrinkable Optic Fiber Splice

Sealing structure suitable to temperature Extended liner length Low shrink
temperature Pre installed stainless steel or ceramic rod Accommodates

Heat Shrink Single Splice Fiber Sleeve 60mm

Fusion Splice Sleeves - 60mm - Single Fiber optical fiber heat shrink tubes consist of a rod of reinforcing the splice, hot fusion tubing and cross-link

ZoeRax Heat Shrinkable Tubing Fiber Optical Cable

ZoeRax Fiber Splice Sleeves Fusion Fiber Optic Cable Heat Shrinks Tubing 304
Stainless Steel PE Clear Bare Optical Fiber Fusion Pipe hot melt Protection

Amazon .uk: Splice Protectors

Fyearfly Fiber Optic Fusion Splice Sleeves, 200Pcs 60mm x 5.6mm x 3.8mm Sleeves Bulk Splicer Heat Shrink Protectors Preshrunk PE EVA Tubes with Stainless Steel Pin

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The DIN rail splice distributor offers a robust and reliable solution for the structured termination and distribution of fiber optic connections. It was developed for mounting on standardized TS35 DIN rails

60mm Clear PE Heat Shrinkable Tubing Fiber Optical Cable 2.6mm

Buy 60mm Clear PE Heat Shrinkable Tubing Fiber Optical Cable 2.6mm Dia Fusion Splice Protection Sleeve 100pcs 6cm with fast shipping and top-rated customer service. Once you know, you Newegg!

Fiber Sleeves 60mm | Heat Shrink Splice Protector | Fusion Splicing

The 60mm Fiber Sleeve is a high-quality heat shrink splice protector designed to provide superior protection for fusion-spliced optical fibers. Made with a combination of stainless steel strength

ZoeRax Heat Shrinkable Tubing Fiber Optical Cable

□Protect Fiber Fusion Points□Clear sleeve makes it easy to detect splices before shrinkage, The fiber optic heat shrink tubes are tight and the metal support

Amazon : 60mm Clear PE Heat Shrinkable Tubing Fiber Optical Cable

Amazon : 60mm Clear PE Heat Shrinkable Tubing Fiber Optical Cable 2.6mm Dia Fusion Splice Protection Sleeve 100pcs 6cm : Industrial & Scientific Consist of a rod of reinforcing the splice, heat

Fiber Tools, Consumables & Accessories

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

The Complete Guide to Fiber Optic Cable Management

Ultimate fiber optic cable management guide: Best practices for installation, organization & maintenance - ensure network reliability.

i-Net Networks 12-Port Duplex LC Fiber Optic Patch Panel, Sliding ...

Description for i-Net Networks 12-Port Duplex LC Fiber Optic Patch Panel, Sliding Inclined Unloaded Panel with 24-Core Splice Cassette, 60mm Heat Shrink & Cable Gland, Black | PPF-12-L Fiber

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60mm Fusion Splice Sleeve

Our Fusion Splice Sleeve offers reliable protection for fiber optic splices with a durable heat-shrinkable outer tube and stainless steel strength member. At

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