

6-core optical fiber heat shrink tubing specifications



Article Overview

6-core optical fiber heat shrink tubing typically features cross-linked polyolefin with stainless steel reinforcement, operating temperatures from -45°C to $+100^{\circ}\text{C}$, and provides mechanical and environmental protection for fiber splices.

Material and Construction

6-core heat shrink tubing is generally made of cross-linked polyolefin, which ensures durability, flexibility, and resistance to heat shocks. Many designs include a 304-grade stainless steel reinforcing rod to provide mechanical strength at the fusion splice area, prevent fiber breakage, and maintain optical transmission performance . The stainless steel edges are polished to be burr-free, reducing the risk of fiber damage during installation .

Dimensions

- Inner Tube Diameter: Typically around 1.3 mm per fiber core, adjustable for multi-core configurations .
- Outer Tube Diameter: Approximately 2.6 mm per fiber core, depending on the number of cores and reinforcement .
- Length: Commonly 60 mm, though custom lengths are available .
- Multi-Core Compatibility: Designed to accommodate 6 cores, with individual access to each fiber splice if needed

Article Content

Mar 06, 2026

HOW TO CHOOSE THE RIGHT HEAT SHRINK TUBING SIZE

HEAT SHRINK TUBING SIZES What size heat shrink should you use? If you're new to heat shrink tubing it can be a bit confusing at

Oct 19, 2025

Heat Shrink Tubing

Overview Thin-wall tubing made of polyolefin has excellent physical, chemical and electrical properties that meet both industrial and

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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 :

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Heat Shrink Tubing Selection Guide

Semi-Rigid Multiple Wall Terminal Protection Sleeve Insulation, strain relief and environmental protection. Uses include the

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Heat Shrink Size Guide

With the FIT® SIZING GUIDE, tubing product selection and identification can't get easier To view the Shelf Life for Alpha Wire FIT®

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ZoeRax Heat Shrinkable Tubing Fiber Optical Cable 60mm Dia Fusion ...

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

Sep 01, 2025

FIBER OPTIC CABLE ASSEMBLY MANUFACTURABILITY AND

Metallic tubing is not recommended because kinks in the tubing can cause damage to the fiber or cable. Lacing Tape This tape is

Oct 12, 2025

Heat Shrinkable Printable Tubing for Wire Identification

Printable heat shrink tubing comes in a wide variety of configurations, colors and sizes for high performance applications such as

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Heat Shrinkable Tubing Brochure

ASTM, MIL, ISO specifications. Amphe-HST provides effective insulation and protection to your functional parts, components an

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Fiber Optic Adapter

Fiber Optic Accessories Heat Shrink Tube Overview LongXing optical fiber heat shrink tubes consist of a rod of reinforcing the splice,

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Heat Shrink Tubing | TE Connectivity

Available in single wall tubing and dual wall tubing, our heat shrinkable tubing is engineered for use in

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Heat Shrink Tubing | Cables, Wires

The shrinking ratio ranges from 1.2:1 to 6:1 with lengths from 0.031" (9.52mm, 0.38") to 6562.0" (2000.0m)

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Optical Fiber Heat Shrink Tube | Fiber Optic Heat

A specially designed cross-linked Clear Heat Shrinkable tubing, with Clear fusion tubing liner, providing

Oct 18, 2025

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

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3M Heat Shrink Tubing Selection Guide

Product description 3M Heat Shrink Tubing LMFP is a cross-linked, thin-walled, heat-shrinkable tubing offering a high degree of

Dec 05, 2025

Heat Shrink Tubing | TE Connectivity

Heat shrink tubing provides electrical insulation, mechanical protection, environmental sealing, and strain

Jun 17, 2026

Heat Shrink Splice Protector, 60mm Heat Shrink Tube,

Heat shrink splice protector, 60mm heat shrink tube is a small, flexible tube that provides protection for the

Aug 22, 2025

Heat Shrink Fiber Optic Fusion Splice Protection Sleeve | 60mm

Simple operation and reduces the risk of damage to the installation of optical fiber
Transparent sleeve, to see easily the status of

Mar 27, 2026

Heat Shrink Sizing & Application Guide

What Size Heat Shrink Tubing Do I Need? Determining which heat shrink size is right for you corresponds to the size

Sep 05, 2025

Heat Shrink Sizes & Measurement Guide [Full Guide]

Heat shrink tubing is important for electrical insulation and protecting wires from damage. This plastic material shrinks when heated,

Dec 09, 2025

Heat Shrinkable Tubing Brochure

As a world technology leader in the manufacture and design of interconnects and cable assemblies, Amphenol Industrial Operations

Jul 23, 2026

Heat Shrink Sizes: Guide to Ratios, Diameters & How to Choose

Learn heat shrink sizes, including diameters, ratios & how to choose the right tubing. Explore size charts & calculate the perfect fit for

Nov 17, 2025

Heat Shrink Tubing for Protecting Fiber Optic Cables

Learn about the benefits of using heat shrink tubing to protect fiber optic cables and telecommunication systems to

Apr 03, 2026

Fiber optic closure heat shrink tubing BH-FOCT

BH-FOCT Fiber optic closure heat shrink tubing is made of medium wall heat shrinkable tube, The internal surface is with a layer of

Feb 09, 2026

Heat Shrink Technical Datasheet | Eland Cables

Heat shrink tubing is used on wiring assemblies, splices, terminals, connectors and to moisture proof electrical parts. The product

Mar 10, 2026

Fiber Optic Protection Splicing Sleeves Heat Shrink Tube

All drawings, weights and dimensions details, as well as tube and fibre colours in this document are only indicative and must not be

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3M Heat Shrink Tubing

3M Heat Shrink Tubing Features: Split resistant, mechanically tough, easily marked and resists cold flow. 2:1 shrink ratio. Two sizes

Nov 25, 2025

Amazon : 60mm Clear PE Heat Shrinkable Tubing Fiber Optical

Consist of a rod of reinforcing the splice, heat fusion tubing and cross-linked polyolefin, to provide mechanical strength at the fusion

May 16, 2026

576/840 Core Heat Shrink Seal Type IP68 Fiber Optic

Product Details The Fiber Optic Cable Closure is a durable, high-performance solution designed to splice,

Aug 10, 2025

3M Heat Shrink Tubing | 3M United States

3M Heat Shrink Tubing and Devices provide an easy solution for insulating and protecting wire, cables, connections and

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3M Heat Shrink Tubing | 3M United States

These field-proven products are known for ease of use and durability, even in extreme conditions. Count on a wide range of high

Feb 28, 2026

Product Technical Data Sheet-Heat Shrink Tubing

Product Technical Data Sheet-Heat Shrink Tubing Description Our high quality Heat Shrink Tubing can be purchased in 2:1 Single

Dec 19, 2025

Heat Shrink Tubing for Cable Insulation & Protection

Heat shrink tubing is a versatile solution used for insulation, protection, and strain relief for cables,

May 08, 2026

Heat Shrink Size Chart & Measurement Guide

Measuring your cabling to determine the right size heat shrink tubing to use is easy but it's a step you don't want to

Feb 20, 2026

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

Sep 11, 2025

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

Contact Us

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