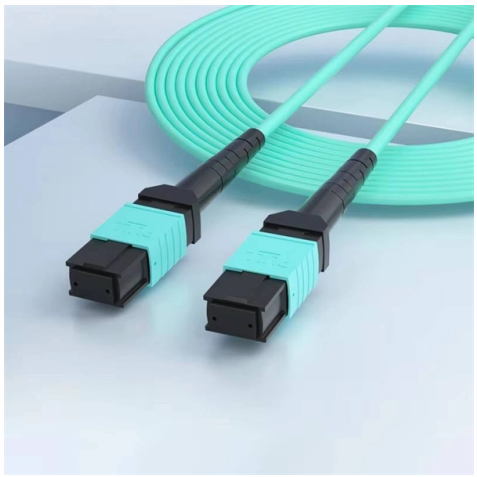
Price of 8-core single-mode flame-retardant optical cable



Overview

HES 8 Core Single Tube Steel Armored Fiber Optic Cable, OM3 50/125µ MultiMode. Offers reliable and high-speed data transmission.

Key Takeaways

The price of an 8-core single-mode flame-retardant optical cable typically ranges from $0. 80 to $2. 50 per meter, depending on manufacturer, armoring, and order quantity.

OverviewFlame-retardant 8-core single-mode optical cables are designed for high-speed, long-distance data transmission in fire-sensitive or outdoor environments. They feature armored protection, flame-retardant sheathing, and often LSZH (Low Smoke Zero Halogen) jackets for safety compliance. These cables are suitable for telecom networks, metro lines, tunnels, and public buildings, where maintaining signal integrity during fire events is critical.

Typical Specifications

Fiber Type: Single-mode (OS2, G652D, or G657)Core Count: 8 fibersConstruction: Loose tube or bundle tube designArmoring: Steel tape or metal strength member for mechanical protectionSheath: Flame-retardant PE or LSZHLength: Usually sold in 1000-meter reels; some suppliers require minimum orders of 285–10,000 meters Outdoor Features: UV resistance, water-blocking, and suitability for direct burial or aerial installation Price ConsiderationsSupplier and Brand: Prices vary by manufacturer, e.g., Draka FireTuf, Kaichuang Tong, Haile, or GYTZA. Order Quantity: Bulk orders reduce per-meter cost; minimum order quantities often apply.

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For example, Kaichuang Tong requires a minimum of 1000 meters, while GYTZA requires 10 km per item. Cable Features: Armored and flame-retardant designs cost more than standard single-mode cables. Based on market listings, the estimated price range is approximately $0.

80–$2. 50 per meter, with higher-end prices for fully armored, LSZH, or fire-rated cables suitable for critical infrastructure projects.

Recommendations

Request Quotes: Contact suppliers directly for precise pricing, especially for large-scale projects. Check Compliance: Ensure the cable meets IEC 60332-2-3 flame retardant standards and any local fire safety regulations. Consider Delivery and Lead Time: Typical delivery times range from 15 days to several weeks depending on order size and stock availability.

This information provides a practical guide for budgeting and procurement of flame-retardant 8-core single-mode optical cables for professional networking or telecom projects.

Article Content

Draka FireTuf Fire Resistant Fibre Optic Cable

This FireTuf fibre range is fully compliant with fire resistant standards IEC 60331-25 and flame retardant standards IEC 60332-2-3-24C, guaranteeing the cables

8 Core OM3 Multi-Mode Fiber Optic Cable

HES 8 Core Single Tube Steel Armored Fiber Optic Cable, OM3 50/125µ MultiMode. Offers reliable and high-speed data transmission.

Verified Supplier 8 Core Fiber Optic Cable 3k+ | Alibaba

Discover 8 core fiber optic cables for reliable fiber networking. Ideal for aerial, duct, and outdoor use with CE/ROHS certification and G652D fiber.

Draka FireTuf Fire Resistant Fibre Optic Cable Range

These cables are suitable for indoor installations and in ducts outdoors where fire security is a primary concern and there is a risk of damage from rodents.

Fibre Optic Cable, 8-Strand, OCC Mil Tactical Dist., SM

OCC - 8-Strand, D Series Mil Tactical Dist., Singlemode 9/125 OS2. Compact, round cable design for ease of transportation and deployment.

Haile Armored 8-core Single-mode Outdoor Flame Retardant Fiber

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Purchase Haile Armored 8-core single-mode outdoor flame retardant fiber optic cable GYTZS-8b1.3 HT210Z-8SC. Durable, UV resistant, and ideal for telecom networks. 1000 meters per piece for bulk

Loose Tube Outdoor Cable OS2, 8-Core, SC/UPC

High-quality SC-SC single-mode (mono-mode) Loose Tube installation outdoor cable for laying in a tube above- or underground. Black multi-purpose cable with

8 Core Indoor Fiber Optic Cable SM LSZH Price & Datasheet

This cable adapts to indoor distribution mostly, as well as outdoor but with PE tube only. This cable has characters of soft, easy to peel, to facilitate follow, circular structure, small size, lightweight.

8 Core Single Mode Fiber Optic Cable Price: Key Standards, Physical ...

Compare 8 core single mode fiber optic cable price while exploring key standards, physical properties, bandwidth, attenuation, and engineering applications in telecom, data centers, and network

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Fiber Optic Cable

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Single-mode optical fiber

In fiber-optic communication, a single-mode optical fiber, also known as fundamental- or mono-mode, is an optical fiber designed to carry only a single mode of light - the transverse mode. Modes are the

Global Optical Cable Sheath Market Size, Share, Growth Trends

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Growing environmental concerns and stricter disposal regulations pose challenges for the optical cable sheath market, particularly regarding the use of non-biodegradable polymers and

Opti-Core Fibre Optic Indoor-Outdoor Armoured Cable 48 to 144

Opti-CoreTM Fibre Optic Indoor-Outdoor Armoured Cable 48 to 144-Fibres, EuroClass Cca and B2ca for EMEA A T A S H E E T

□□□□□□□□□ MPO/MTP Trunk Cable □□□□□□ ...

□□□□□□□□□□□□□□: Different from single-core serial transmission of traditional LC/SC cables, MPO/MTP trunk cables realize multi-channel parallel optical signal transmission through integrated multi-core

What Is MPO/MTP Trunk Cable? Data Center Backbone Complete

2. What Are MPO/MTP Trunk Cables? Core Definition & Industry Standards An MPO/MTP trunk cable is a factory pre-assembled, fixed-count multi-fiber optical cable designed specifically for permanent

Contact Us

Continue your research online:

Website: https://bagyou.es
Technical inquiry: https://bagyou.es/project-enquiry.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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