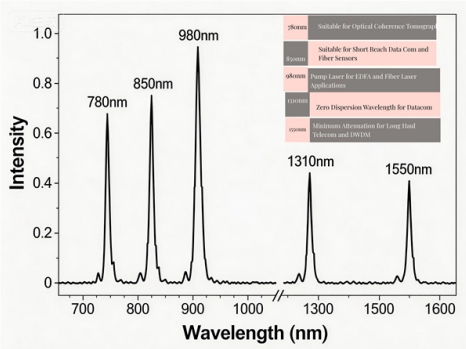
Price of Swiss Flame-Retardant Standard Optical Cable



Overview

Fire Resistant Fibre QFCI OM3 50/125 Fire Resistant Armoured Loose Tube Fibre Optic Cable Marine DNV-GL & ABS Approved QFCI OM4 50/125 Fire Resistant Armou.

Key Takeaways

The price of Swiss flame-retardant optical cables varies widely depending on fiber type, core count, fire rating, and installation requirements, typically ranging from €2 to €15 per meter for standard industrial-grade cables. Pricing OverviewFlame-retardant optical cables, such as those used in industrial, public safety, or high-risk environments, are designed to maintain signal integrity under fire conditions and comply with standards like IEC 60331, CPR B2ca, FE180, and LSZH/FRLS ratings. The cost depends on several factors: Fiber Type: Singlemode (OS2) or multimode (OM3/OM4) fibers affect price, with singlemode generally more expensive.

Core Count: Cables with more cores (e.g., 4–48 fibers) increase material and manufacturing costs.

Fire-

Resistance Rating: Higher-rated cables (e.g., B2ca-s1a,d1,a1 or FE180) designed for extended fire exposure are more costly. Sheath Material: LSZH (Low Smoke Zero Halogen) or FRLS (Flame-Retardant Low Smoke) jackets influence price, with LSZH typically preferred for enclosed, people-dense spaces.

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Indoor/

Outdoor Use: Cables suitable for both environments, eliminating transition splices, may carry a premium.

Typical Price Range

Standard industrial flame-retardant cables: €2–€5 per meterHigh-performance fire-resistant cables (B2ca/FE180, LSZH, multi-core): €8–€15 per meterCustom or specialty cables (e.g., extreme temperature, radiation-resistant, or ultra-flexible designs): Prices can exceed €20 per meter depending on specifications.

How to Obtain Exact Pricing

Since prices vary by supplier, quantity, and technical specifications, the most reliable way to get an accurate quote is to: Contact authorized distributors such as Mouser Electronics, ETK Kablo, or Corning for Swiss or European delivery. Specify requirements: fiber type, core count, fire rating, jacket material, and installation environment. Request bulk or project-based pricing, as larger orders often reduce per-meter cost.

By providing these details, suppliers can offer precise pricing and lead times tailored to your project needs.

Article Content

Fire Resistant Fibre

QFCI OM3 50/125 Fire Resistant Armoured Loose Tube Fibre Optic Cable Marine DNV-GL & ABS Approved QFCI OM4 50/125 Fire Resistant Armoured Loose Tube Fibre Optic Cable Marine DNV

Fiber Optic Cables

Steel wire armoured central loose tube cable with good mechanical protection and thus rodent protected. The cable features a two jacket construction with up to 24 fibers maximum and is suitable

Fire Resistant Fiber Optic Cables CPR B2ca | ETK Kablo

ETK Kablo''s B2ca-classified fiber optic range provides low smoke emission, zero halogen content, and exceptional flame retardance. The design ensures data link continuity even during extended fire

Fiber Optic Cable | Farnell Switzerland

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Fiber optic cable is a type of cable that uses light to transmit data. It consists of thin strands of glass or plastic fibres enclosed in an insulated casing, which allows data to be transmitted over long

Flame-Retardant RIO Indoor/Outdoor Wrapping Tube Cable (WTC)

Flame-retardant (FR) RIO Wrapping Tube Cable (WTC) with SpiderWeb Ribbon (SWR) is a high-density fiber optic ribbon cable intended for indoor/outdoor network applications where riser-rated, LSZH, or

FibreFab-Fibre-Optic-Cable-Catalogue

The Optronics fibre optic cable range includes simplex, suplex and flat ribbon patchcords, tight buffered, single loose tube and multi-loose tube distribution cables for internal and external applications as

Fire Resistant Fibre Optic Cable 4

Available in both multimode (OM3/OM4) and singlemode (OS2) variants, they support configurations from 4 to 24 cores in a durable central loose tube design.

QFCI | Fire-Resistant Loose Tube Optical Fiber Cable | OPTRAL

Gel filled multi loose tube cable for indoor / outdoor installation. Each tube contains no more thant 12 fibres and it is fire protected by mica tape. Strength members composed of fibreglass yarns. The

Fiber Optic Cables

Indoor and outdoor, flame retardant, LSZH or PVC, loose tube, Armored SWA (Steel wires Armor), SWB (Steel wires Braid) or CST (Coarrugated Steel Tape).

FIBRE OPTIC CABLES

Flame retardant cables can resist the spread of fire, but the cable is fully consumed by the flame and no circuit integrity is assured. All the systems connected to these cables are disconnected.

ChimeraX™ Fully Dry Design SWA Fire Resistant Cable

Hermesys ChimeraX™ series SWA Fire Resistant Cable is a steel wire armored (SWA) fiber optic cable designed for fire-resistant and high-durability applications. It features 4, 12, 24,48,72,96,144cores of

Flame-Retardant Wrapping Tube Cable (WTC) with SpiderWeb

Flame-Retardant Wrapping Tube Cable (WTC) with SpiderWeb Ribbon® (SWR®) Flame-retardant (FR) Wrapping Tube Cable (WTC) with SpiderWeb Ribbon (SWR) is a high-density fiber optic ribbon

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Flame retardant tape

Product Introduction: DT-A3-CE-09 cable flame retardant tape, also known as self-adhesive fireproof tape, has high flame retardant, self-adhesive, and tensile properties. It fills the gap in the field of

Fiber Optic Cables

APPLICATION Optical cable for indoor and outdoor use in vital communication and emergency systems that need to be operational during fire. The cable has a design that ensures operation for more than

Flame-Retardant Optical Cables Specifications and Models

Flame-retardant optical cables are an essential component in the telecommunications industry, ensuring the safety and reliability of data transmission. These cables are designed to resist fire and prevent

Flame Retardant and Fire Resistant Optical Cable

The global market for Flame Retardant and Fire Resistant Optical Cable was estimated to be worth US$ 539 million in 2025 and is projected to reach US$ 821 million, growing at a CAGR of

Flame-retardance Stranded Loose Tube Optical Cable (GYTZA)

Products Flame-retardance Stranded Loose Tube Optical Cable (GYTZA) Optical fibres are housed in loose tubes that are made of high-modulus plastic and filled with tube filling compound. The tubes

25-year best-selling non-metallic flame-retardant optical cable gyftzy ...

As shown in the table above, gyftzy optical cables are comprehensively superior to traditional models in key performance indicators and are the "safety first choice" in outdoor

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