

Fireproof Optical Cable Model List



Article Overview

Fireproof optical cables are available in a variety of models, including single-mode and multi-mode fibers, armoured and unarmoured designs, compliant with Euroclass, British, and international fire-resistance standards.

Key Fireproof Optical Cable Models and Types

1. Optral CPR Fire-Resistant Optical Cables

- Fiber Types: Single-mode and multi-mode
- Fire Ratings: Euroclass Dca, Cca, B2ca
- Applications: Marine, offshore, broadcasting, HD TV cameras, sensing and monitoring systems
- Certifications: UL, Bureau Veritas, DNV
- Construction: Available in armoured and unarmoured designs for critical applications

2. APAR Fire Resistant / Fire Survival Optical Cables

- Fiber Types: G652.D, G657.A, G655 single-mode; OM1, OM2, OM3, OM4 multi-mode
- Fiber Count: 2F to 512F
- Fire Performance: Operates for 3 hours in fires up to 750°C
- Sheath: LSZH, FR, UV-stabilized, weather-resistant
- Applications: Fire alarm systems, voice evacuation, tunnels, metro lines, public buildings

- Construction: Gel-filled loose tubes, steel wire or corrugated steel tape armour for mechanical strength

3. ZTT Fire-Resistant Optical Cables

- Fiber Count: 16 to 128 fibers
- Fire Rating: B2ca (Euroclass)...

Article Content

Jun 10, 2026

Draka FT Fire Resistant Fibre Optic Armoured

4, 8, 12 & 24 Fibre Optic Cable OM3 multimode and OS2 singlemode, Loose Tube, Internal/External LSZH. Manufactured by Draka

Nov 07, 2025

Fire Resistant Cables | Fire Performance Cables | Eland Cables

We supply a full range of fire resistant and fire performance cables, often also referred to as fire survival cables, fire-proof cables, or

Sep 17, 2025

Draka FireTuf Fire Resistant Fibre Optic Cable

FireTuf fibre optic cables are manufactured by Prysmian Draka. Offered in OM1, OM3 and OM4 multimode

Nov 10, 2025

Fire Resistant Cables

Prysmian's production of fire-resistant cables complies with stringent international regulations and meets

Sep 21, 2025

Fire Resistant Fiber Optic Cables CPR B2ca | ETK Kablo

For fire-critical areas, choose fire-resistant, LSZH fiber optic cables that are certified (e.g., FE180 and CPR B2ca) to maintain

Mar 03, 2026

Optic Fiber Cables|Fireproof Cables

FIREGUARD cables are offered in either single core, multicore or multi-pair constructions. The insulation material is usually PVC with

Jul 05, 2026

Fiber Optic Cable Types: A Complete Guide

The plethora of fiber optic cable types can seem overwhelming, but choosing the right cable for the job is important.

Aug 27, 2025

Fiber Optic Cables | Corning

With 2 billion kilometers of fiber optic cables installed around the globe, Corning continues to lead the industry in product quality and

Sep 02, 2025

Optic Fiber Cables|Fireproof Cables

INTERNATIONAL STANDARD The FIREGUARD cables manufactured by Caledonian comply with either one or combination of the

May 03, 2026

Fire resistant/survival cables

Our fire resistant/fire survival cables feature a steel wire/steel wire braiding/corrugated steel tape armour to

Nov 04, 2025

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

Nov 30, 2025

Fiber Optic Cables

CommScope designs and manufactures a comprehensive line of fiber optic cables—from outside plant to indoor/outdoor and fire

Jul 12, 2026

Fire Resistant Fibre

Draka FT Fire Resistant Fibre Optic Unarmoured QFCI OM1 62.5/125 Fire Resistant Armoured Loose Tube Fibre Optic Cable Marine

Jul 20, 2026

Fire Resistant Cables

Unparalleled Performance: Offering a diverse range of fire-rated cables tailored to specific applications, from flexible power cables to

Jan 31, 2026

Fire Resistant Cables

Explore our diverse range, delve into detailed technical specifications, and consult with our dedicated team. We are confident that

Mar 03, 2026

CN203069851U

The optical cable core of the utility model flame-proof cable is coated with band, potteryzation silicon rubber flame retardant coating

Oct 08, 2025

Draka FireTuf Fire Resistant Fibre Optic Cable

8, 12 & 24 Core Fibre Optic Cable OM1, OM3, OM4 multimode and OS2 singlemode, Loose Tube, Internal/External LSZH.

Nov 11, 2025

VITALink Fire-Rated Cables | 2-Hour Fire-Resistant

VITALink cables designed for critical fire protection. VITALink fire rated cables by OmniCable offer 2-hour

Feb 20, 2026

Fire Resistant Optic Fiber Cables|Fireproof Cables

The fireflix cables manufactured by Caledonian comply with either one or combination of the following standards.

Jul 28, 2025

Unitube Fire-Survival Cables

Unitube Fire-Survival cables offer up to 24 fibers in a compact cable construction. Cables are specially designed to withstand the

Oct 01, 2025

What is Fireproof Fiber Optic Cable?

Fireproof fiber optic cable is a safe and reliable option for data transmission. This type of cables has a special flame

Jul 14, 2026

Standards for fire resistant cables

Caledonian fire resistant cables, branded under Fireflex, provide the following features:Fire resistance,Long-term circuit integrity in a

Sep 08, 2025

Fiber Optic Cable

Fiber Cable Belden's extensive line of indoor and outdoor cable products is offered in tight buffer and loose tube designs. Armored,

Apr 05, 2026

Fibre Optic Fire Performance

These fire resistant, loose buffered, single tube, cables are mainly used inside buildings, tunnels or closed areas in general, are

Mar 25, 2026

Optical Communications Products

Browse our optical communication connectivity products designed to help you enable your communication networks. Easily create a

Sep 25, 2025

Lifeline™ Fire Resistant Fiber Optic Cable | Prysmian

Discover Lifeline™ QFCI fire resistant fiber optic cable for reliable communication in emergency systems. Learn more about its

Jul 22, 2026

Fire Resistant Cables | Fire Performance Cables | Eland Cables

Fire Performance cable products Our fire performance cables are specifically designed for augmented fire resistance in applications

Feb 25, 2026

Fiber Optic Cables

APPLICATION Optical cable for indoor and outdoor use in vital communication and emergency systems that need to be operational

Jan 16, 2026

Top 5 Fire Resistant Fiber Optic Cable Manufacturers

Sourcing Fire-Resistant Fiber Cable (OFNP/LSZH)? We rank the global Top 5 manufacturers (like Corning

Aug 21, 2025

Fire Resistant Central Loose Tube Fiber Optic Cables

Fire Resistant Central Loose Tube Fiber Optic Cables APPLICATION These cables are characterized by light weight and small

Dec 11, 2025

Lifeline QFCI Fire Resistant Fiber Optic Cable

- Transit Stations - Roadway Tunnels Lifeline® QFCI is the first UL flame listed optical cable designed for indoor/outdoor use in vital

Feb 07, 2026

CPR Optical Cables | Fire-Resistant | OPTRAL

CPR fire-resistant optical cables with Euroclass Dca, Cca, and B2ca classifications. Safety and performance for critical applications.

Oct 11, 2025

Fire Resistant Fiber Optic Cables CPR B2ca | ETK Kablo

Which fibre is resistant to fire? The glass optical fibre itself is non-flammable; what determines fire behaviour is the cable construction

Contact Us

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