

Armenian manufacturer of flame-retardant optical cables for smart buildings



Overview

APAR offers 2F to 512 F optical fibre cables, in armoured and unarmoured designs. The cable ensures operation for 3 hours in fires up to 750°C. The cable is halogen-free and flame retardant, to protect against secondary damage to electronic equipment during and after the fire. «Yerenergo» CJSC is a company operating in the power engineering field with long term technical experience and with an attitude on the energy market. The company was established in December 7th in 1995 and from year to year is expanding the field of activities acquiring an image of a confidential. Our fire resistant/fire survival cables feature a steel wire/steel wire braiding/corrugated steel tape armour to provide mechanical strength. Certified to B2ca CPR and FE180 fire-resistance standards, these cables maintain optical integrity under extreme. The colored optical fiber is placed in a loose tube made of high modulus hydrolysis resistant material, and the tube is filled with water-blocking fiber paste to form an optical fiber loose tube. Offered in OM1, OM3 and OM4 multimode and OS2 singlemode, in 4, 8, 12 or 24 core fibre configurations. All feature a corrugated steel tape armour for protection from rodents, a central loose tube construction and internal/external LSZH. Flame Retardant Optical Cable Specification and Model GYTZA Abstract: Flame retardant optical cables are an essential component in modern communication networks.



Article Content

GYTZA53 Loose Tube Layer Stranded Reinforced Core

Loose Tube Layer Stranded Reinforced Core Armored Flame-retardant Optical Cable is engineered to deliver high performance and reliability in demanding

Development of flame retardant and fire-resistant optical cable based ...

Proceeding flame retardant and fire-resistant test, LOI of ceramic sheathing materials and temperature index of cable according to EN ISO 4589 are up respectively to 40% and 370°C. Light transmittance

Optic Fiber Cables

Our products are widely used in telecommunication industry, power transmission industry, mining cable industry, marine and submarine cable industry, railway industry, cable manufacturing and so on. ZTT

3 Fiber Optic Cable Fire Rating

The fire rating of fiber optic cable can be specified into 3 types, which are OFNP, OFNR and OFN. Before we can talk about the flame retardant

High Voltage Flame Retardant Optical Cable

YOFC | Smart Link Better Life High voltage cables require transmission control cables to have good electromagnetic radiation resistance, high voltage

Lifeline QFCI Fire Resistant Fiber Optic Cable

- Roadway Tunnels Lifeline® QFCI is the first UL flame listed optical cable designed for indoor/outdoor use in vital communication and emergency systems that need to be operational during fire.

Top 5 Fire-Resistant Fiber Cable Mfrs: Brand vs. Factory Direct (2026)

არჩევის უფლება Fire-Resistant Fiber Optic Cable is not just about meeting building codes (like NFPA or NEC); it is a life-safety decision. However, the market is flooded with cheap cables that claim to be

Armenia Flame Retardant Cable Market (2025-2031) | Opportunities ...

Armenia Flame Retardant Cable Industry Life Cycle Historical Data and Forecast of Armenia Flame Retardant Cable Market Revenues & Volume By Type for the Period 2021-2031

GYTZA53 Loose layer stranded armored flame-retardant optical cable

The colored optical fiber is placed in a loose tube made of high modulus hydrolysis resistant material, and the tube is filled with water-blocking fiber paste to form an optical fiber loose tube.

China OEM Flame Retardant Optical Cable

Find reliable China OEM flame retardant optical cable with custom options. Click to explore top suppliers, pricing, and specs for your project needs.

OFNP OFNR and LSZH Cables: What are they and How

LSZH (low-smoke zero-halogen) is optical cables' most common flame-retardant material. According to NEC (National Electrical Code), the flame

Flame Retardant Optical Cable OEM Suppliers: Guide for B2B Buyers

Finding reliable, high-performance flame retardant optical cable suppliers is critical for telecom operators, data center developers, and infrastructure providers. With increasing demand for fire-safe

Global LSZH Flame Retardant Optical Cables Market Size, Growth

The LSZH flame retardant optical cables market is poised for substantial growth, presenting numerous opportunities for manufacturers and stakeholders. The rapid urbanization and infrastructural

Fiber Optic Indoor Cables

Cables For Indoor Applications These cables are used exclusively within buildings and must have a flame-retardant jacket to fit this purpose. They may be deployed in duct (conduit) or cable tray. When

FIBER OPTIC NETWORKS

"REDINET" CJSC provides turn-key fiber optic communication solutions which help to design and install fiber link active equipment to get the

GYTZA53 Flame-retardant Double Armored Stranded

GYTZA53 Flame-retardant Double Armored Stranded Loose Tube Optical Cable for Railway Transportation offered by China manufacturer Zion Communication is a

Fire resistant/survival cables

APAR offers 2F to 512 F optical fibre cables, in armoured and unarmoured designs. The cable ensures operation for 3 hours in fires up to 750°C. The cable is

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

Draka FT Fire Resistant Fibre Optic Armoured

FireTuf fibre optic cables are manufactured by Prysmian Draka. Offered in OM1, OM3 and OM4 multimode and OS2 singlemode, in 4, 8, 12 or 24 core fibre

GYTZA Flame Retardant Optical Cable Specification and Model

Features and Benefits The use of the GYTZA model offers several advantages over traditional non-flame-retardant optical cables: a) Enhanced Safety: With its superior flame-retardancy

Flame Retardant Optical Fiber Cable Market Size, Market Assessment ...

The flame retardant optical fiber cable market has witnessed significant growth over the past few years, driven by increased demand for safety features in telecommunication infrastructure, particularly in

GYTZA Loose Tube Layer Stranded Non-armored

Loose Tube Layer Stranded Non-armored Flame-retardant Optical Cable is a robust and versatile solution designed to meet the demands of outdoor communication

Flame-retardant Double Armored Stranded Loose Tube Optical Cable

Flame-retardant Double Armored Stranded Loose Tube Optical Cable (GYTZA53) Optical fibres are housed in loose tubes that are made of high-modulus plastic and filled with tube filling compound.

Fire-resistant optical cable, Flameproof optical cable

Find your fire-resistant optical cable easily amongst the 12 products from the leading brands (LAPP, ZTT, CABLESCOM, ...) on DirectIndustry, the industry specialist

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