

Italian Flame-Retardant Optical Cable Manufacturer



AI Overview

Tratos Group, Sami, For.El.Ind., and Italian Cable Company S.p.A. are leading Italian manufacturers of flame-retardant optical cables.

Tratos Group

Tratos manufactures fire-resistant optical fibre corrugated steel armoured (CSTA) cables in Italy, which are IMQ-approved for circuit integrity during fire events. Their TRATOS FIRESAFE-OPTI® cables are designed for critical systems such as fire detection, alarms, and emergency lighting. These cables feature multi or single-mode fibres, loose tube jelly filling, mica glass fire barrier tape, aramid strengthening yarns, inner sheathing, CSTA armouring, and LSZH outer sheathing. They comply with British Standards (BS) and Euro Norms (EN) for fire resistance, with survival times ranging from 30 minutes (standard) to 120 minutes (enhanced) under fire conditions .

Sami

Sami specializes in customized special wires and cables, including flame-retardant, low smoke, halogen-free, and fire-resistant optical cables. Their production supports high mechanical stress, chemical resistance, UV and weathering protection, and armored configurations for rodent protection or direct burial. Sami also manufactures high-temperature coaxial and multi-core optical cables compliant with EN 50200, EN 50362, and other international standards, ensuring circuit integrity under fire conditions .

For.El.Ind.

Article Content

Top 71 Wire And Cable Companies in Italy (2026) | ensun

Key takeaway Cable Service and Controlcavi Industria specializes in developing high-tech products, including a range of fire

Top 100 Fiber Optic Cable Manufacturers in Italy (2026) | ensun

Discover all relevant Fiber Optic Cable Manufacturers in Italy, including Fastweb and Fenice Telekom Grupa d.o.o.

Italian electrical wires & cables company: Salcavi

Salcavi Industries is an Italian electrical cable company, manufacturer, supplier & exporter of multiple type

Flame Retardant Fire Resistant Optical Cable Market 2025-2032

The Asia-Pacific region dominates the global flame retardant and fire resistant optical cable market, accounting for

Italian biggest manufacturers of power cables

Italian biggest manufacturers of power cable - Since 1958, we improve our know-how in copper cable development. Made in Italy quality

Manufacture of electrical components

Italian Cable Company is a leader in the cables production for the industrial and energy transport sectors, of special connections and

Ramcro – Special Cables

Ramcro is our main supplier of special cables. We trust on this Brand, because of the italian quality, the flexibility in finding solutions

PRODUCTS – Sami | cavi speciali elettrici e ottici

Distribution, data and signal transmission cables, for indoor and outdoor installation, with metallic or dielectric armour, with non

Fire Resistant Optic Fiber Cables|Fireproof Cables

The cables may be armoured or braided, with or without metallic screen, depending on different applications. INTERNATIONAL

Tecnikabel – Where future flows – Special electrical and optical cables

We develop specialised cables with chemical and thermal resistance for the most critical installations. Power, signal,

InFire Rated Cable Manufacturers | Incab America LLC

The increasing number of fires leads to more and more stringent requirements in terms of optical cable fire safety. For critical

Italcond | Italcond | Produzione e commercializzazione cavi elettrici ...

Un team qualificato e specializzato nella fornitura di cavi per dati, segnale e controllo, con una lunga esperienza nel settore e

Ramcro - Special Cables

Ramcro was founded in 1979, as family Company producing Special Cables. Family Croci owns 100% of Ramcro S.p.a.. In over 35

Optical Fibre | Prysmian

Prysmian produces a wide range of optical fibre and cables capable to deliver information and creating connections.

Fire-Resistant Optic Cable

Engineered for critical safety, this fire-resistant optic cable provides reliable data transmission in high-risk environments.

EXPERTS AND INNOVATORS IN THE DESIGN AND PRODUCTION

Having its roots back in 1950, Cavicel S.p.A. has built up its reputation as a worldwide leader company in the design and production

Top 54 Custom Cable Manufacturers in Italy (2026) | ensun

Key takeaway Cable Service and Controlcavi Industria specializes in developing high-tech products, including "total-safety" Fire

Fiber Optic Cables Suppliers in Italy

Locate Fiber Optic Cables suppliers, manufacturers & distributors in Italy. Interactive map of Italy provided.

PRODUCTS - Sami | cavi speciali elettrici e ottici

Insulation and sheathing for low and high temperature, resistant to oil, chemicals, tearing and abrasion, flame retardant, low smoke

TRATOS FIRESAFE-OPTI®

Test for electric cables under re conditions Part 11 apparatus fire alone at flame temperatures of at least 750°C. CEI IEC 60331-25

Cables Catalogue » Italian Cable Company S.p.A.

A wide range of cables for power transmission and control, with materials and designs developed to ensure

Contact Us

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