

High-Temperature Resistant Logging Optical Cable Company



AI Overview

Leading high-temperature resistant logging optical cable brands include Corning, DrakaElite, AixonTec, and specialized well-logging cable manufacturers capable of operating above 300°C. Key Brands and Products

1. Corning Corning offers high-temperature fibers designed for harsh environments, providing improved fatigue resistance, high usable strength, and resistance to hydrogen permeation. Their fibers feature single-mode or multimode cores with optional hermetic carbon layers and high-temperature acrylate coatings, suitable for applications requiring long-term reliability under elevated temperatures.
2. DrakaElite DrakaElite manufactures high-temperature resistant fibers optimized for harsh conditions, including aerospace and industrial applications. Their products are designed for optical interconnects in extreme environments, offering protection against high temperatures and radiation.
3. AixonTec AixonTec produces high-screen flexible patch cords with UV-protected outer sheaths and high-temperature capabilities. They also offer wireline logging cables using hydrogen-resistant fibers enclosed in hermetic metal tubes, suitable for downhole logging in oil and gas wells.
4. Specialized Well-Logging Cable Manufacturers Companies like TeleTechno and Ivy Zhang provide well-logging optical cables engineered for oil wells, gas wells, coal mines, and geothermal applications. These cables feature: DryTech or loose tube designs with solid foamed thermoplastic elastomers replacing traditional water-blocking gels Mechanical reinforcement with corrugated steel tape, steel wire, or foamed elastomer High-temperature operation, with some cables capable of sustained use above 300°C for geothermal and enhanced geothermal systems Integration with distributed temperature sensing (DTS) and distributed acoustic sensing (DAS) for real-time downhole monitoring.
5. Eland...

Article Content

Optical fiber assemblies for high temperature environments

Optical fiber assemblies resistant to extreme temperatures Thanks to its know-how and expertise, SEDI-ATI Fibres Optiques can offer you optical fiber-based assemblies or solutions capable of

High-temperature fibers | WEINERT Industries AG

Singlemode and multimode fibers for data communications or light transmission at high temperatures For use in higher temperature ranges, all optical fibers based

The High-temperature Resistant Well Logging Optical Cable

The cable range for direct buried installation includes all four of our basic designs: concentric core, slotted core tape, DryTech and loose tube tape. The cables are reinforced with corrugated steel tape,

High Temp/Harsh Environment Fiber | OEM Optical

Corning's High Temperature Fibers are designed for applications requiring improved fatigue resistance, high usable strength, and excellent resistance to higher

SPECIALTY AND HARSH ENVIRONMENT FIBER OPTIC CABLE

Specialty Fiber Optic Cable Customers around the world benefit from using AFL fiber optic cable and components for downhole sensing and subsea umbilicals. With its patented stainless steel tube

A High Data Rate Fiber Optic Well Logging Cable

This development has led to a new logging cable with superior mechanical properties, containing eight electrical wires and three optical fibers with a data rate of at least 10 Mbits/s each. This fiber

Optical fiber logging cable Special cable

Optical fiber logging cables are also designed to withstand high temperatures and pressures, making them suitable for use in deep and high

Downhole Logging

Rochester Cable has supplied wireline cables to logging service providers for more than 60 years. Our designs combine mechanical strength, thermal performance,

High Temperature Resistant Steel Tape Armor Sensor

Product Description High Temperature Resistant Steel Tape Armor Sensor DTS Fibra Optica Cable Product Description The spiral steel tube

The High-Temperature Resistant Well Logging Optical Cable

Resistant to high temperatures. Prevents loss of hydrogen in the optical cable. Excellent mechanical operation. Suitable for oil wells, gas wells, coal mines or under high temperature conditions.

The High-Temperature Resistant Well Logging Optical Cable

The High-Temperature Resistant Well Logging Optical Cable Adaptable para pozos de petróleo, pozos de gas, minas de carbón o bajo condiciones de temperaturas elevadas. Los cables marcados con

High-temperature optical cable

High temperature is one such cause, which can often be encountered in harsh environments. The different coatings used by Draka protect the optical fiber

Toughened High Impact Low Temperature Resistant Flexible Medical

Key attributes Grade extrusion grade, injection molding grade, Injection Grade Application automotive parts, electronic and electrical components, home appliance components, Lighting Fixtures, General

Fiber optic cables for harsh environmental conditions | AFL Global

Harsh environment fiber optic cable - Deploy in industrial facilities, mines, subsea and other environments where extreme conditions exist. Ultra-low and high temperature operations or

High-temperature optical cable

Find your high-temperature optical cable easily amongst the 11 products from the leading brands (Avantes, Endevco, Pavone sistemi, ...) on DirectIndustry, the

Proterial High Temperature Fiber Cable | Industrial

Hitachi Proterial Fiber Cable - Industrial Fiber Optics, Inc. offers two highly heat-resistant plastic optical fiber (HPOF) (HPOF-S) for above 100 degrees C.

High-temperature optical cable

Find out all of the information about the Prysmian Group product: high-temperature optical cable . Contact a supplier or the parent company directly to get a quote or

High Temperature Cable Cables

Polycab's heat resistant cables feature high thermal resistance, fire retardance, oil resistance, and acid resistance, ensuring superior performance and reliability in demanding environments.

High Temperature Cable | High Temp Cable | Eland Cables

Our Intemp 250 cables, sometimes referred to as a high performance glass fibre braid cable or mica glass tape cable, can withstand temperatures of up to 250°C whilst our mineral insulated cables are

Wireline Fiber Optic Cable | Fibercore

Wireline Fiber Optic Cable Fibercore, in conjunction with selected partners, offer wireline logging cables that utilize Fibercore's hydrogen resistant, high

Wireline Fiber Optic Cable | Fibercore

By working closely with our partners, Fibercore ensures that our designs meet the rigorous requirements of wireline logging cables in regards to temperature,

Hydrogen Sulfide Resistant Armoured Well Logging Cable for High ...

Designed for hydraulic fracturing diagnostics, this high-sensitivity fiber optic cable captures real-time microseismic events and fracture propagation dynamics via DAS technology, providing operators

Contact Us

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