

Brazilian Explosion-Proof Well Logging Optical Cable Brand



Overview

ExSuper is a Brazilian company specializing in the manufacturing of cable glands and accessories, renowned for its excellence in products designed for demanding environments, including areas classified as explosion-proof (Ex d), increased safety (Ex e), and dust-proof (Ex t). Our optical cables have been installed throughout Latin America since 2005 in the most diverse environments and climates. We. Suitable for oil wells, gas wells, coal mines or under high temperature conditions. The cables marked with Dry; They are a series of cables in which the typical water blocking the intermediate tubes (gelatin, water swelling tape or powder) is replaced with a solid foamed thermoplastic elastomer. OPTRAL designs and manufactures cables that comply with international certifications for the Offshore and Marine sectors: DNV, Lloyds, American Bureau and Bureau Veritas. Oil & Gas is one of the industrial sectors where there is a high demand for maximum security regarding fire, and also high. Operators use distributed sensing and real-time information to monitor pipelines, wells, and facilities. tal operates the largest neutral optical fiber network in Brazil, specializing in end-to-end digital infrastructure solutions. They provide extensive FTTH capabilities, connecting over 20 million homes and managing 26,000 kilometers of submarine cables. tal é a maior e melhor rede neutra de.



Article Content

Hot

Vertical seismic optical profiling on wireline logging cable

ABSTRACT Vertical seismic profiles are usually acquired by deploying downhole seismic sensors below a wireline logging cable. A seismic source is triggered at surface while recording the downhole

May 08, 2026 Hot

An Armored Fiber Optic Logging Cable | IEEE Conference Publication ...

An ultralow stretch armored cable containing 3 optical fiberRs and 8 electrical conductors has been developed for use in oil well logging operations. A mating cablehead termination, optical transmitter

Apr 30, 2026 Hot

Cable Logging? Optical Fiber Logging?--JASON is

It is suitable for testing vertical wells or inclined wells with inclination within a certain range (within 40°), and it cannot be used for horizontal well logging.

Sep 12, 2025 Hot

Fiber-Optic Technology Allows Real-Time Production Logging Well

This paper will identify these critical factors and address proper candidate well selection and job preparation. It will also illustrate a multiwell logging campaign in the Marcellus shale, which

Jan 16, 2026 Hot

Certified Connector Solutions for Fiber Optic Cables in

Certified Connector Solutions for Fiber Optic Cables in Explosive Atmospheres As automation continues to expand into diverse industrial sectors,

Sep 15, 2025 Hot

Oil Gas Fiber Solutions 2025: Hazardous Environments

Specialized fiber optic cables and sensors withstand extreme heat, pressure, chemicals, and harsh environments like subsea and deepwater

Feb 05, 2026 Hot

Well logging with Carina 100Xlog, retrievable fibre optic

Optimize well placement and completion design using Silixa's fiber-optic surveillance for fractured reservoirs.

Jan 19, 2026 Hot

Oil Well Load Bearable Detecting Cable-Well Logging

Electro-Optic Tow Cables depths up to 6,000 meters The cable constructions are designed to endure the demands of the required tow strengths and

May 04, 2026 Hot

Hybrid Electro-Optical Cable for Coiled Tubing Logging and ...

This new hybrid cable and its associated surface and downhole system provide a single solution for interventions, distributed measurements, and logging. Altogether, they pave the way for

Nov 26, 2025 Hot

FIBER OPTICS: Downhole Fiber-Optic Monitoring: An

It has been an impressive comeback for a technology that once stood on the brink of failure. The upstream oil and gas industry has largely resolved

Jul 21, 2025 Hot

StreamLine Polymer-Locked Wireline Cable | SLB

Engineered for efficiency in all environments StreamLine™ polymer-locked wireline cable can be deployed in all environments to effectively address the challenges

Sep 11, 2025 Hot

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

The company specializes in high-quality optical fiber solutions, including fusion and structured cabling, making it a key player in the fiber optic industry. With strong supplier partnerships, it ensures

Feb 24, 2026 Hot

Fiber Optic Cables: Oil, Gas, and Marine | OPTRAL

OPTRAL designs and manufactures cables that comply with international certifications for the Offshore and Marine sectors: DNV, Lloyds, American Bureau and Bureau Veritas.

Aug 27, 2025 Hot

Cable Logging? Optical Fiber Logging?--JASON is

Difference between Optic-Fiber logging and traditional cable logging The electrical-based sensors used in cable logging can not work continuously in

Jan 15, 2026 Hot

Oil and Gas

Let AFL custom design and deliver fiber optic cable and connectivity products for your precise application. Oil and gas fiber optic solutions from AFL offer improved communications and safety.

Feb 19, 2026 Hot

Downhole Logging

Wireline cables for downhole logging applications, delivering reliable power and data in high-pressure, high-temperature wells.

Aug 10, 2025 Hot

Hybrid Electro-Optical Cable for Coiled Tubing Logging and ...

Abstract. This study presents the evolution of downhole fiber optics to a new hybrid electro-optical cable for coiled tubing (CT) applications. The optical fibers enable optical

May 10, 2026 Hot

Optical Cables

Our optical cables have been installed throughout Latin America since 2005 in the most diverse environments and climates. We have a wide range of cable designs

Jun 02, 2026 Hot

Optical and Power Cables

We produce Optical, Automotive and Power Cables in Brazil, where quality is the fundamental premise and respect for the environment is integral.

Mar 27, 2026 Hot

Outdoor optical fibre cables for very tough environments

Specially adapted, explosion-proofed and oil-resistant PreCONNECT FIBER trunks with single-mode fibers ensure that the large data volumes involved are transmitted over distances of several

Dec 30, 2025 Hot

Optiq Fiber-Optic Solutions | SLB

Optiq StreamLINE conveyance offers the industry's only fiber-optic wireline deployment in treatment wells during stimulation services. Its patented polymer-locked packaging eliminates the need for

Oct 15, 2025 Hot

How Fiber Optics Are Used in the Oil & Gas Industry

Our specialty optical fibers are designed to withstand the harsh and challenging conditions of the oil and gas industry. They are highly resistant to extreme

Dec 31, 2025 Hot

Fiber-Optic Technology Reduces Production Logging ...

The new technique uses coiled tubing equipped with optical fibers to acquire real-time measurements from the downhole logging string. The advantages of this conveyance option include

Nov 02, 2025 Hot

HazardEx

ExSuper is a Brazilian company specializing in the manufacturing of cable glands and accessories, renowned for its excellence in products designed for demanding

Jan 27, 2026 Hot

The High-Temperature Resistant Well Logging Optical Cable

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

Jan 21, 2026 Hot

Production logging via coiled tubing fiber optic ...

However, a number of shale gas wells need to be evaluated in the effects of well drilling and completion and fracturing, providing the guidance for the next fracturing design, so the production logging via

Feb 25, 2026 Hot

ExpressFiber™ disposable fiber service

The ExpressFiber disposable fiber cable is an economic, low-risk fiber solution for cross-well monitoring that provides direct measurement of well interference.

Apr 01, 2026 Hot

Application of Electro-Optical Hybrid Cables in Horizontal Well ...

Application of Electro-Optical Hybrid Cables in Horizontal Well Production Logging
Authors: Daofan Guo, Dong Yang Abstract: For decades, well logging with coiled tubing has relied solely on surface data

Jan 24, 2026 Hot

Top 86 Wire And Cable Companies in Brazil (2026) | ensun

When exploring the wire and cable industry in Brazil, several key considerations come into play. First, understanding the regulatory environment is crucial, as

Jun 10, 2026 Hot

Optical fiber logging cable Special cable

Optical fiber logging cable enables the transmission of detailed data over long distances, making it an essential component in oilfield service operations. Overall, the use of optical fiber

Jun 06, 2026

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