

Gabon High-Temperature Logging Optical Cable Factory



AI Overview

Gabon has a developing optical cable sector with several international suppliers and trade activity, though no dedicated high-temperature logging optical cable factory is publicly listed.

Overview of Optical Cable Manufacturing in Gabon

Gabon's optical cable industry is relatively small but growing, with exports totaling \$326 in 2024 and imports reaching \$2.46 million, primarily from China, France, Morocco, Sweden, and Turkey . The country ranks 154th globally in optical fiber and cable exports and 133rd in imports, indicating a reliance on imported technology for advanced applications .

Key Suppliers and Manufacturers

Several international companies supply fiber optic cables and components to Gabon, which could serve high-temperature or industrial logging applications:

- ETK Kablo (Turkey):** Manufactures fiber optic and low-voltage communication cables, supplying over 120 countries. Their products include specialty fibers and connectivity components suitable for demanding environments .
- Diamond SA (Switzerland):** Focuses on high-performance fiber optic interconnect solutions, which may include cables for industrial or high-temperature applications .
- GP-Fiber Optics GmbH (Germany):** Produces fiber optic products, including lighting technology and LED-integrated solutions .
- Lightmax SL (Spain):** Specializes in passive optical fiber networks and related components .

These suppliers provide components that could be adapted for high-temperature logging operations, though local assembly or customization may be required.

Local Market and Trade Insights

Gabon's optical cable imports are dominated by China (\$1.8M) and France (\$610k), reflecting the need for advanced cable technologies . The market is monitored for emerging trends and export potential, with opportunities for companies to introduce specialized cables for industrial, mining, or energy sectors .

Industrial Applications

High-temperature logging...

Article Content

Optical fiber logging cable Special cable

It is specially designed to work in high-pressure, high-temperature, and harsh chemical environments associated with the oil and gas industry. In comparison to traditional wireline cables,

List of companies of Gabon

Prior to the discovery of oil, logging was the pillar of the Gabonese economy. Today, logging and manganese mining are the other major income generators. Former

African Gabon project buried optical cable procurement case

In recent years, Gabon has vigorously developed urban construction. In 2019, Hunan GL Technology Co., Ltd. (GL) successfully won the bid for its large-scale buried optical cable project, with a project

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 fibres and cables in Gabon

Find the latest exports, imports and tariffs for Optical fibres and cables trade in Gabon.

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

Find Logging Companies in Gabon

Find detailed information on Logging companies in Gabon, including financial statements, sales and marketing contacts, top competitors, and firmographic insights.

CT logging service leverages powers of fiber-optic

A natural evolution of e-coil, the replacement of the armored logging cable with a thin fiber-optic data conduit resulted in the development of Fiber

gabon-optical-cable-equipment Manufacturer/Producer

European manufacturer of high-quality passive fiber optic equipment and FTTH network components, operating since 1992. We specialize in providing reliable, certified solutions for...

Suriname high temperature logging optical cable factory Germany

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Optical fiber cable

With an annual production capacity exceeding 3.5 million kilometers, ZTT is the specialist in outdoor optic fiber cables, offering superior products and services to

Research on the Data Interpretation Model of Optical Fiber Profile ...

Fiber optic cables have the advantages of high temperature resistance, high pressure resistance, corrosion resistance, and high accuracy in measuring temperature DTS data. They are widely used

Gabon Active Optical Cable Market (2025-2031) | Value & Outlook

6Wresearch actively monitors the Gabon Active Optical Cable Market and publishes its comprehensive annual report, highlighting emerging trends, growth drivers, revenue analysis, and forecast outlook.

Gabon Active Optical Cables Market | Size & Analysis 2032

Gabon Active Optical Cables Market faces industry challenges such as infrastructure limitations and high costs, impacting growth and adoption rates.

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 harsh

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

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 communication and

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We are your specialist for fiber optic cables and custom cable assemblies. With us, you will receive ready-to-connect fiber optic cables in any required configuration, with all connector types and...

Aberdare Cables

Aberdare Cables was established in 1946 and is a leading South African leading cable manufacturer. Aberdare Cables has 3 manufacturing sites in South Africa, with Customer Service Centres in each

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First, in view of the slow transmission rate of the logging cable, an advanced high-speed cable transmission module is adopted. Secondly, the ground system and the downhole instrument were

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