

Benin High-Temperature Logging Optical Cable



Overview

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. Permanent downhole fiber-optic cables are critical infrastructure in wellbore monitoring systems, ensuring reliable transmission of data for applications such as distributed temperature, acoustic, and strain sensing (DTS, DAS, and DSS)—all with one 1/4-in control line. With over 40 years of experience in manufacturing high reliability optical fibers, we are proud to offer a wide range of specialty. Optical fiber logging cable is a type of cable used in oil and gas well logging applications. Logging cable is used to lower instruments into wellbores to take measurements of the subsurface. Since 1997, through technology introduction, digestion, absorption and re-innovation, Huaneng has achieved a perfect transformation from industry followers to industry leaders, driving the overall technological progress and industrial development of China's industry.

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We also offer a high-temperature version; designed for challenging applications with high heat (up to 572 degF [300 degC]) and hydrogen, this fiber is uniquely stable and reliable in heavy oil thermal ...



Optical fiber logging cables are also designed to withstand high temperatures and pressures, making them suitable for use in deep and high-pressure wells. It is made up of high ...



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 ...



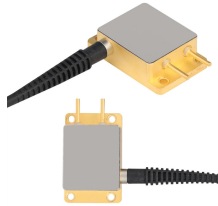
Our logging cables are the backbone of downhole data acquisition in oilfields worldwide. Engineered to withstand high-temperature, high-pressure, and corrosive environments, they ensure stable signal ...



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, ...



With over 40 years of experience in manufacturing high reliability optical fibers, we are proud to offer a wide range of specialty optical fibers that are designed specifically for use in the oil and gas industry.



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



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 ...



Logging Cable Is Used for Logging, Perforation, Core Taking and Other Operations of Various Oil and Gas Wells, And Can Also Be Used in Water Conservancy and Hydrological Survey, Coalfield ...

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