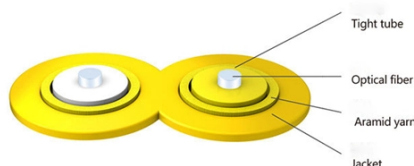


ASEAN Temperature Sensing Optical Cable Manufacturer



Cable structure

Overview

The offered DTS controller is manufactured by LIOS Technology based on Prysmian's requirements for power cable temperature monitoring.

Key Takeaways

Key manufacturers of temperature sensing optical cables in ASEAN include LS VINA Cable & System, Corning, Prysmian, and Hiphotonics, offering distributed temperature sensing solutions for industrial and infrastructure applications.

LS VIN

A Cable & SystemLS VINA Cable & System is a prominent ASEAN-based manufacturer specializing in optical cables, including those designed for distributed temperature sensing (DTS) applications. The company serves Vietnam and the broader Southeast Asia region, providing DTS cables for power transmission, industrial monitoring, and infrastructure development. Their products are tailored for reliability in harsh environments and are widely used in energy and industrial sectors.

Corning Distributed Sensing Cables

Corning offers distributed sensing fiber optic cables capable of detecting temperature, strain, vibration, and acoustic changes along the entire cable length.



Their ASEA

N operations provide robust, lightweight, and flexible cable designs suitable for long-distance monitoring in power, transportation, and industrial applications. Corning emphasizes real-time sensing and high sensitivity, making their cables suitable for proactive infrastructure management.

Prysmian Group

Prysmian provides Electronic and Optical Sensing Solutions (EOSS), including the Pry-Cam device, which integrates with optical cables to monitor temperature and detect partial discharge.

Their ASEA

N services focus on preventive maintenance, safety enhancement, and network reliability, offering both hardware and monitoring solutions for industrial and utility networks.

Hiphotonics Communications

Hiphotonics manufactures DTS temperature sensing fiber optic cables designed to convert traditional optical transmission lines into real-time sensing networks. Their cables feature multi-layer protection, including stainless steel tubes, aramid yarn strength members, and flame-retardant LSZH jackets, ensuring durability in industrial and outdoor environments.

Summary

For companies in ASEAN seeking temperature sensing optical cables, these manufacturers provide a range of solutions: LS VINA Cable & System – Regional manufacturer with DTS cables for industrial and power applications. Corning – High-sensitivity distributed sensing cables for long-distance monitoring. Prysmian – Integrated sensing solutions with preventive monitoring devices.

Hiphotonics – Durable DTS fiber optic cables for industrial and outdoor deployment. These manufacturers cater to sectors such as oil & gas, power, infrastructure, and industrial monitoring, offering both standard and customized DTS solutions suitable for ASEAN environments.

Article Content

Top 10 Companies in the Distributed Temperature Sensing Cables

In this blog, we profile the Top 10 Companies in the DTS Cables Industry —a mix of optical fiber specialists, industrial solution experts, and technology integrators shaping the future of

Thermal Engineering Solutions And Specialised Cables

We are a thermal engineering and specialized cable manufacturer established in 1990. Our products include contact and infrared temperature sensors, a range of

Sensing Cable

DJ-GYFJK (B)V-1S Temperature Sensing Armored Optical Cable 3.0mm-Single Core DJ-GYFJKV-1S Seamless Tube Aluminum Clad Temperature Sensing Optical Cable DJ-GC-JHGS-G-4S Stress

DTS Distributed Temperature Sensing

The offered DTS controller is manufactured by LIOS Technology based on Prysmian's requirements for power cable temperature monitoring.

Sensing Cable – New Dong Jie Optical Technology (SuZhou)Co.,Ltd.

DJ-GYFHKV-1~12S 1-12 core mini sensing armored optical cable MPO dedicated DJ-GTSXLG-1~12S Stainless steel oil field high temperature resistant sensing optical cable

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The Asia-Pacific Sensing Cable market encompasses a range of cable-based sensing technologies used to measure temperature, strain, acoustic signals, and chemical presence over

Distributed Sensing Cables for DAS & DTS

Durable fiber optic cables for distributed sensing. Compatible with DAS & DTS systems, ideal for perimeter, pipeline, and industrial monitoring.

Distributed Sensing Cables | Fiber Optic Sensing Cable | Optical ...

Our distributed sensing cables provide optimized monitoring of your critical harsh environment infrastructure. Distributed sensing is a technology that enables continuous measurements along the

Distributed Temperature Sensing (DTS) | NKT

Unlock maximum performance and early detection of potential issues with our temperature sensing technology. DTS utilizes optical fiber to gauge temperature along the cable real-time, providing

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Fiber Optic Sensor Cables for Advanced Monitoring | AP Sensing

Fiber optic sensor cables are the key enabler for real-time monitoring of temperature, strain, and acoustic signals across diverse and challenging environments. Depending on the application and the

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ASEAN's Optical Fibers, Bundles and Cables Market Report 2026

The ASEAN market for optical fibers, bundles, and cables stands at a critical inflection point, shaped by the region's aggressive digital infrastructure rollout and the complex interplay of

Top 10 Companies in the Distributed Temperature Sensing Cables

As one of the world's largest optical fiber preform, fiber, and cable manufacturers, YOFC commands a significant share of the global supply chain. The company produces a vast array of

Distributor Fiber Optic | CCSI Indonesia | Fiber Optic Indonesia ...

Communication Cable Systems Indonesia (CCSI) offerings : CCSI Distinguished and only submarine fiber optic cable manufacturer in Asean Region was established in 1996. Being supported by Corning

Pipelines & LNG

The Prysmian pipeline range includes fibre optic cables for telemetry, leak detection and threat identification monitoring systems. The range includes solutions for

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