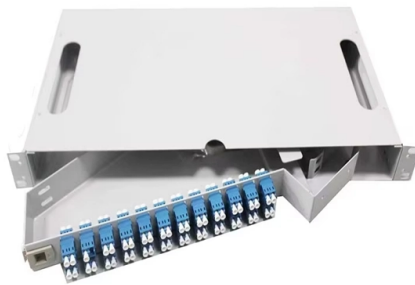


# Southeast Asian Temperature Measurement Optical Cable Company



## AI Overview

Key companies in Southeast Asia offering fiber optic temperature measurement solutions include Hiphotonics, Yokogawa SE Asia, OSENSA, and Luna, providing advanced distributed and point temperature sensing systems.

Hiphotonics Communications Co., Ltd.

Hiphotonics offers DTS (Distributed Temperature Sensing) fiber optic cables designed for industrial-grade applications. Their cables feature a 5-in-1 protection system including tight-buffered optical fiber, stainless steel tubes, aramid yarn strength members, stainless steel braiding, and flame-retardant LSZH jackets, ensuring durability in harsh environments. These cables can detect temperature changes along every meter of optical fiber, with an operating range of  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$ , high tensile strength, and crush resistance, making them suitable for long-term outdoor and industrial monitoring .

Yokogawa SE Asia

Yokogawa provides the DTSX series of fiber optic temperature sensors, which enable real-time monitoring over long distances and wide areas. These systems are ideal for predictive maintenance in factories and infrastructure, detecting equipment abnormalities early. The DTSX sensors can complement point and surface monitoring, offering continuous line monitoring that reduces labor-intensive patrols and enhances safety. Models like DTSX3000 are designed for long-distance, high-resolution tempe...

## Article Content

Jul 05, 2026

Distributed Temperature Sensing (DTS) | AP Sensing

Distributed Temperature Sensing (DTS) systems provide temperature information for accurate thermal monitoring, fire detection, and

Apr 06, 2026

Fiber Optics Temperature Measurement

Fiber optics are essentially light pipes. The group of sensors known as fiber optic thermometers generally refer to those devices

Sep 05, 2025

Distributed Temperature Sensing (DTS) | NKT

Distributed Temperature Sensing (DTS) leverages a physical phenomenon in the optical fiber to gauge

Mar 30, 2026

Distributed Temperature Sensing

The Luna Distributed Temperature Sensing systems use light, more specifically the Raman effect, to measure temperature. In one

Oct 16, 2025

Temperature Sensing Optical Cable

The global market for Temperature Sensing Optical Cable was estimated to be worth US\$ 493 million in 2025 and is projected to

Sep 27, 2025

Southeast Asia OPGW Cable Market Research Report 2022

The Southeast Asia OPGW Cable Market continues to demonstrate strong growth, with its valuation reaching USD 180

Sep 07, 2025

Subsea Communication Cables in Southeast Asia: A Comprehensive

By treating undersea cables as critical infrastructure, Southeast Asian stakeholders can better manage geopolitical,

Jun 21, 2026

## Application of Distributed Optical Fiber Temperature Measurement in ...

This paper studies a distributed optical fiber temperature measurement system using smart cables, which combines fiber Bragg

Apr 23, 2026

## Fiber Optic Sensor | Distributed Temperature Sensing System

Discover our comprehensive range of Distributed Temperature Sensing (DTS) systems, designed to deliver meticulous and reliable

Jan 26, 2026

## Fiber Optic Temperature Sensor DTSX | Yokogawa SE Asia

The DTSX can provide uninterrupted, highly accurate measurements over long distances of up to 50 km using fiber optic cables,

Aug 08, 2025

## Fiber Optic Sensor | Distributed Temperature Sensing

Distributed Temperature Sensing (DTS) systems are a game-changing technology for continuous

Apr 06, 2026

## Asia Pacific Industrial Sensors Market

The Asia-Pacific Industrial Sensors Market worth USD 10.98 billion in 2026 is growing at a CAGR of 14.64% to reach

Jun 06, 2026

## In-Depth Overview of Fiber Optic Temperature Sensors

A fiber optic temperature sensor is a temperature measurement device that uses optical fibers as the sensing medium. Unlike

Feb 23, 2026

## Temperature Measurement Using Optical Fiber Methods: Overview

The paper deals with the overview of fiber optic methods suitable for temperature measurement and monitoring. The aim is to

Apr 23, 2026

## Fiber Optic Temperature Measurement

Fiber Optic monitors and fiber optic sensors designed to work more reliably than traditional sensors due to their resistance to outside

Apr 15, 2026

## Temperature Measurement Sensors Market in Asia | Report

The Asia temperature measurement sensors market encompasses a broad range of contact and non-contact devices

Jan 30, 2026

## Thermal Engineering Solutions And Specialised Cables Manufacturer

We are a thermal engineering and specialized cable manufacturer established in 1990. Our products include contact and infrared

Mar 10, 2026

## Google Translate

Google's service, offered free of charge, instantly translates words, phrases, and web pages between English and over 100 other

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## Fiber Optic Distributed Temperature Sensing – fsenz

Distributed Temperature Sensing (DTS) system is ideal for detecting fire and monitoring temperature

Dec 19, 2025

## COMEM Group

Our fiber optic sensors use a Gallium Arsenide (GaAs) crystal at the fiber tip, making them ideal for highly accurate temperature

Nov 23, 2025

## Fiber optic techniques for temperature measurement

Fiber optic temperature sensors represent devices with the capability of operation in hazardous environments, or with inflammable

May 11, 2026

## Fiber Optic Temperature Sensors: Types, Working & Applications

Explore the structure, working principles, advantages, and disadvantages of Fiber Optic Temperature Sensors for accurate

Jun 03, 2026

## NEC signed to build Southeast Asia Japan 2 cable

NEC signed to build Southeast Asia Japan 2 cable The cable spanning 10,500km and 11 landing stations is expected

Oct 09, 2025

Yokogawa Test& Measurement

Yokogawa Test & Measurement Division, Southeast Asia (SEA) and Oceania - The Singapore headquarters serves as the hub for a

Mar 29, 2026

Distributed Fiber Optic Temperature Sensor

Our fiber optic sensor temperature measurement solutions provide enhanced visibility into your process, allowing you to detect

Nov 27, 2025

Fiber Optic Temperature Sensor DTSX | Yokogawa India

Using sensing technology that takes advantage of the characteristics of fiber optic cable, DTSX is a temperature sensor that can be

Jan 13, 2026

Fiber Optical Cable Market Report 2026

North America was the second-largest region in the global fiber optical cable market analysis. The regions

Dec 07, 2025

Global Temperature Sensing Optical Cable Sales Market Report ...

Temperature sensing optical cable is a temperature detection device based on optical fiber sensing technology. It uses the sensitivity

Mar 12, 2026

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

Nov 29, 2025

Acez Sensing | High Accuracy Industrial Temperature Sensors

A proud brand of the ACEZ Group, Acez Sensing has been a premier manufacturer of high-performance industrial temperature

Sep 22, 2025

## Applications of fibre optic temperature measurement

Three common principles of fibre optic temperature measurement are exemplarily examined: fibre Bragg gratings,

Jul 12, 2026

## Analytical study on fibre optic temperature measurement of 110kV

Distributed fibre optic temperature measurement systems are widely used in power cable temperature monitoring due to the

Jan 03, 2026

## Optical Fiber Sensors for High-Temperature Monitoring: A Review

High-temperature measurements above 1000 °C are critical in harsh environments such as aerospace, metallurgy,

## Contact Us

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