

Price of Asian Temperature Measuring Optical Cable



AI Overview

The price of Asian distributed temperature sensing (DTS) fiber optic cables typically ranges from \$5 to \$20 per meter, depending on specifications, armor type, and order quantity.

Overview Distributed temperature sensing (DTS) fiber optic cables are designed to measure temperature continuously along their entire length, providing high-precision monitoring for industrial applications such as tunnels, bridges, coal mines, power systems, and fire detection. These cables are often armored, low-smoke, and zero-halogen (LSZH) to ensure durability and safety in harsh environments.

Price Factors The cost of DTS fiber optic cables varies based on several factors:

- Cable Type and Armor:** Single-mode or multimode fibers, double-armored or soft-armored, and LSZH jackets affect pricing.
- Length:** Longer cables increase total cost; prices are often quoted per meter.
- Customization:** OEM designs, specific diameters, or thermal conductivity requirements can raise the price.
- Supplier and Region:** Prices differ across manufacturers in China, Southeast Asia, and other Asian markets.
- Order Quantity:** Bulk orders may reduce per-meter cost.

Typical Price Range Based on industry sources and supplier listings:

- Standard DTS fiber optic cables:** Approximately \$5–\$10 per meter for basic armored or LSZH cables.
- High-performance or multi-layer armored cables:** Around \$12–\$20 per meter, suitable for extreme industrial conditions or long-distance monitoring.

Purchasing Considerations

- Minimum Order Quantity (MOQ):** Many suppliers require MOQs, often starting from 100–500 meters.
- Payment Terms:** Commonly 30% deposit with balance before delivery; payment via TT or other methods.
- Shipping Options:** Courier (DHL, UPS, FedEx) or ocean freight depending on order size and destination.
- Warranty and Support:** Most suppliers provide limited warranties and technical support for installa...

Article Content

"Optical Temperature Sensor Price"

Most suppliers offer fiber optic sensor wholesale and bulk order pricing, especially for authorized distributors seeking cheap rates and OEM branding. Explore our top suppliers or request your

Dts Distributed Temperature Sensing Armored Fiber

Long distance coverage (continuous temperature measurements) Ease of installation Provide wide operating temperature, which ranges to as high as 300

Fiber optic temperature sensors-AliExpress

The best solution for this scenario is a fiber optic temperature sensor with a measurement range of -200°C to 1600°C, a response time under 1 second, and resistance to electromagnetic interference.

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Asia's Optical Fiber Cables Market Report 2026

The optical fiber cables market in Asia is characterized by the overwhelming dominance of China in both consumption and production. From 2020 through 2024, China accounted for 45% of

Price of Southeast Asian Temperature Measuring Optical Cable

Cable temperature sensor, Cable temperature transducer Find your cable temperature sensor easily amongst the 44 products from the leading brands (E+E, JRI, GRILLO,) on DirectIndustry, the

Wire & Cable Prices

CRU provides comprehensive, accurate and up-to-date price assessments and research reports for bare optical fibre across various key regional markets, combined with insights into the

MarketsandMarkets

Revenue Impact Firm - MarketsandMarkets offers market research reports and quantified B2B research on 30000 high growth emerging opportunities to over

Temperature measuring fibre optic cable

The choice of materials directly impacts the efficiency, durability, and cost of temperature measuring fibre optic cable, making it essential to select the right composition for specific applications.

Price of Southeast Asian Temperature Measuring Optical Cable

Discover the perfect Electric Wire & Cable addition with our Temperature Sensor Cable. Prices of electric wire and cable are influenced by copper prices, length, and customization.

Fiber Optics Temperature Measurement

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

How Much Do Fiber Optic Temperature Sensors Cost?

For decision-makers evaluating these advanced monitoring solutions, understanding the pricing factors is essential for making cost-effective

IEC-60794-1-2-F1 Optical Fiber Cable Temperature Cycling Chamber

Optical fiber cable temperature cycling chamber is designed to apply temperature cycling on optical fiber cables in order to determine the stability behavior of the attenuation of cables submitted to

China DTS System Price: Best Deals & Suppliers

Find the best China distributed optical fiber temperature sensing system prices from verified suppliers. Compare real-time monitoring, multi-point detection, and customization options.

"Temperature Measuring Cable"

Our Temperature Measuring Cable offers exceptional quality and style within the Electric Wire & Cable category. Prices of electric wire and cable are influenced by copper prices, length, and customization.

Temperature measuring optical cable armored with Low smoke zero

The distributed temperature sensing fiber optic cable (DTS Cable) allows precise temperature measurements to be taken. The entire length of the DTS Cable can act as linear sensor which allows

IIoT-Based Applications for Sensing Temperature with Optical Fiber

By using the fiber itself as the sensing element, distributed temperature sensing measures the temperature distribution over the length of an optical fiber cable. Unlike traditional electrical

Optical Fiber Application for Temperature Monitoring of Cable Line ...

The article considers the possibility of measuring the temperature of cable transmission lines with the help of specially manufactured narrowed quartz optical fiber. The study of technological processes of

Reliable and Precise temperature measure cable Solutions for

Using advanced temperature measure cable, precisely monitor and control temperature conditions. Perfect for guaranteeing efficiency and safety in many surroundings.

Connectors, Cables, Optics, RF, Silicon to Silicon

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Temperature Measurement Using Optical Fiber

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

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