

Price of Dominic Temperature Measuring Optical Cable



AI Overview

The price of Dominic (DTS) temperature measuring optical cable units varies based on technical specifications, length, and application, with suppliers providing quotes after confirming requirements.

Overview of DTS Optical Cables

Distributed Temperature Sensing (DTS) systems use fiber optic cables as linear temperature sensors, allowing continuous temperature measurement along the entire cable length. These systems are ideal for monitoring pipelines, power cables, tunnels, storage tanks, and industrial plants over long distances, often up to 50 km or more. DTS cables provide high-resolution, precise temperature profiles, immune to electromagnetic interference, and reduce the need for multiple point sensors.

Pricing Considerations

Technical Specifications: The cost depends on cable type (armored, standard, or high-definition), length, and environmental resistance (e.g., fireproof, chemical-resistant).

Measurement Range and Resolution: Higher spatial resolution and longer measurement distances increase the price.

Customization: OEM or ODM options, such as specific cable lengths, connectors, or integration with monitoring systems, can affect cost.

Supplier Practices: Most suppliers, including those on platforms like Made-in-China, provide quotes within 12 hours after confirming technical data. Delivery methods include courier, airfreight, or ocean shipping, and lead times are typically 3-5 days after order confirmation, depending on quantity.

Typical Applications

- Fire detection in tunnels, bridges, and industrial facilities
- Temperature monitoring of pipelines and power cables
- Preventive maintenance and leak detection
- Harsh environments with high electromagnetic interference

How to Obtain Pricing

To get an accurate unit price for a Dominic DTS optical cable, you should:

- Specify the cable length, type, and environmental require...

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custom distributed optical fiber temperature sensing system price

Find the best custom distributed optical fiber temperature sensing system price. Compare top suppliers, MOQ, and specs. Click to get real-time quotes and expert recommendations for your

How Much Do Fiber Optic Temperature Sensors Cost?

Fiber optic temperature sensors have revolutionized temperature monitoring across critical industrial applications with their exceptional accuracy,

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O'Reilly & Associates, Inc. 103A Morris St. Sebastopol, CA United States

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Fiber-optic sensors are resilient to high temperatures (up to 1,000 °C) and radiation damage. Moreover, distributed measurements can be made along the length of one fiber, making

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

DTSX3000 Distributed Temperature Sensor

DTSX measures temperature distribution over the length of an optical fiber cable using the fiber itself as the sensing element and it is ideal for temperature

Fiber Optic Temperature Sensor Price Analysis

Distributed fiber optic temperature sensors provide continuous temperature measurements along the entire length of the fiber optic cable. This is achieved through techniques

Distributed Temperature Sensing Fiber Optic Cable (DTS)

As the distributed temperature sensing fiber optic cable allows temperature measurements to be taken along the entire length of the cable, temperature

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Distributed Optical Fiber Temperature Measurement

The distributed optical fiber monitoring and alarm system is temperature

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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

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Dts Distributed Temperature Sensing Armored Fiber

Dts Distributed Temperature Sensing Armored Fiber Optic Cable, Find Details and Price about Armored Measuring Temperature Cable Dts Distributed Optical Fiber

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

Dts Distributed Temperature Sensing Armored Fiber

As the distributed temperature sensing fiber optic cable (DTS Cable) allows temperature measurements to be taken along the entire length of the cable,

Distributed fiber optic temperature measurement system

The distributed fiber optic temperature measurement system can monitor the internal temperature of the entire refinery by burying a fiber optic cable, which not

Fiber Optic Temperature Sensing and Measurement

Measure temperature with fiber optic sensors for high-resolution distributed and multipoint monitoring in batteries, processes, and harsh environments.

Fiber Optic Equipment Distributed Fiber Optic Temperature

After the temperature measuring host is charged, the power lamp flashes and the system is in the preheating process. The preheating process is over and the power lamp is on.

Dissolved Oxygen Handheld Meter

EcoSense ODO200 is an optical-based dissolved oxygen meter ideal for DO sampling. ODO200 sensors are EPA approved for wastewater compliance

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 evaluate the current research of temperature measurements in the interval

Dominic Temperature Measuring Optical Cable Specifications ...

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DiTemp Ordinary Temperature Sensing Cable

The Ordinary Temperature Sensing cable is a small fiber optic cable, armored with stainless steel loose tube gel filled, stainless steel strength members and PA

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