Price per unit of armored temperature-measuring optical cable



Overview

The distributed temperature sensing fiber optic cable (DTS Cable) allows precise temperature measurements to be taken.

Key Takeaways

Armored temperature measuring optical cables typically range from $10 to $50 per meter, depending on specifications, supplier, and order quantity.

Pricing Overview

The cost of armored temperature measuring optical cables varies based on factors such as cable diameter, armor type, temperature range, and fiber type. For example, Fibermart offers 1510nm-1590nm 3. 0mm armored temperature sensors with competitive pricing and free shipping, though exact prices are provided upon inquiry.

Alibaba suppliers provide low smoke zero halogen DTS cables with flexible options, including free samples (shipping cost applies) and no minimum order quantity, with lead times of 3–5 days after deposit.

Factors Affecting Price

Cable Construction: Double-layer stainless steel or steel tape armor increases durability and cost. Temperature Range: High-temperature resistant cables for LNG plants or pipelines are more expensive due to specialized materials. Length and Quantity: Bulk orders often reduce per-meter cost, while short runs or custom lengths may be higher.

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Supplier and Shipping: International suppliers may include shipping fees, customs, and handling, affecting total cost.

Purchasing Tips

Request quotes from multiple suppliers to compare prices and specifications.

Consider OE

M options if branding or custom labeling is required. Verify mechanical and thermal specifications to ensure suitability for your application, such as tensile strength, compression resistance, and thermal conductivity. Ask about warranty and testing to ensure reliability in harsh environments.

In summary, while prices vary, you can expect $10–$50 per meter for standard armored temperature measuring optical cables, with higher-end or specialized cables costing more depending on mechanical and thermal requirements.

Article Content

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

High Temperature Resistant Steel Tape Armor Sensor

The spiral steel tube armored temperature measurement optical cable is a detection unit designed specifically for linear optical fiber temperature

Armored Distributed Temperature Sensing Fiber Optic Cable DTS

High Quality SM SX DTS Distributed Armored Temperature Sensing Fiber Optical Cable for Network $0.30-0.35 MOQ: 1 CN Shenzhen TTI Fiber Communication Tech. Co., Limited Chat now Send Inquiry

Temperature sensing optical fiber 1-core 2-core spiral armored ...

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

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Wire & Cable Prices

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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

Distributed temperature measurement optical fiber armored ...

The high thermal conductivity distributed temperature measurement optical cable has better thermal conductivity than general temperature measurement optical cables, and is suitable for most

Fiber Optic Cable Cost Guide 2026 – LatestCost – Real-Time Price

Main cost drivers include cable grade (indoor vs outdoor, armoured), distance, and labor for trenching, splicing, and termination. This guide presents ranges in USD and practical price

Armored Fiber Optic Cable Price | 2025 Guide from

Should you buy from a local supplier or directly from a fiber optic cable manufacturer in China? In this blog post, we''ll break down everything you need to know about

China armored optical cable factory

Buy armored optical cable at factory price from China, Multimode Geographical Armored Optical Cable For Underground Pipeline Monitoring manufacturer.

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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Here you will find listings of armored fibre optic cable manufacturers, armored fiber optic cable suppliers and exporters. The range of armored fiber

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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

Armored Fiber Optic Cables

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Armored Fiber Armored Fiber Optic Cable, sometimes referred to as MC Fiber Cable or BX Fiber Cable, is optimized to protect your fiber cable, avoiding any

Fiber Optic Solutions for Temperature Monitoring: Complete Guide to ...

The fiber optic solution for temperature monitoring offered by DTS technology includes both single-mode and multi-mode fiber options. Installation typically involves armored sensing cables

Precision Armored Temperature Measurement Cable

Unlike ordinary cables, the Precision Armored Temperature Measurement Cable can withstand high loads, bending, and prolonged immersion in grain without affecting signal

Armoured Unitube OFC

Armoured Unitube OFC Armoured Optic Fiber Cable Armouring is a technique to protect the optic fiber cables. D-Link Armoured Optic Fiber Cables are protected by Glass-yarn in between corrugated

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EU project coordination: Parque das Nações, Lisbon, Portugal

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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