

How much does a pressure sensor fiber optic cable cost in Nauru



Article Overview

Fiber optic pressure sensor cables typically range from \$100 to several thousand USD per unit, depending on type, length, and specifications, with additional shipping costs to Nauru.

Pricing Overview

Fiber optic pressure sensors use specialized cables to transmit light signals for precise pressure measurement. The cable cost alone varies based on fiber type, strand count, and construction:

- Standard fiber optic cables: \$1 to \$6 per foot at retail, with bulk wholesale prices as low as \$0.09 to \$1.52 per foot .
- Armored or high-performance cables suitable for harsh environments can cost \$0.50 to \$5 per foot .
- Pre-terminated or sensor-integrated cables for pressure sensing applications are more expensive due to factory calibration and specialized connectors . Fiber optic pressure sensors themselves, which include the sensing head and cable, are high-precision devices. Prices for these sensors typically start around \$100-\$500 for basic models and can reach \$2,000-\$5,000 or more for industrial-grade, interferometric, or high-temperature sensors . The total cost depends on:
 - Measurement range and accuracy
 - Environmental resistance (temperature, pressure, corrosive conditions)
 - Cable length and flexibility...

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About economic services – Department of Finance – Nauru

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The Nauru Ministry of Information, Communications and Technology, in partnership with the Nauru Fibre Cable

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