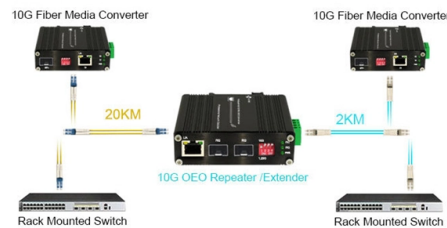


Fiber optic array price



Overview

MEISU provides 2D fiber array (two-dimensional fiber array) with quality fiber collimators and fiber bundles.

Key Takeaways

Fiber optic array prices typically range from \$150 to \$250 for small multi-channel units, with custom or high-channel-count arrays costing more. Retail and Supplier Pricing

Standard small fiber optic arrays, such as 2-channel or 4-channel units, are available from suppliers like Precision Micro-optics, with prices ranging from \$150 to \$250 per unit depending on channel count, fiber type, spacing, and connector type. For example, a 2-channel UHNA 7 fiber array with 127 μm spacing costs around \$150, while a 4-channel version is approximately \$250. PHIX Photonics Assembly also offers configurable v-groove fiber arrays, with pricing available upon request for custom configurations.

Market-Level Insights



The global fiber optic array market was valued at around \$100 million in 2024 and is projected to reach \$148 million by 2031, growing at a CAGR of 5.7% . The broader Fiber Array Units (FAU) market, which includes 1D and 2D arrays for applications like PLC devices, AWGs, and MEMS modules, was valued at \$1.2 billion in 2024 and is expected to grow to \$2.5 billion by 2033, driven by demand in telecommunications, data centers, and 5G infrastructure . This growth reflects increasing adoption of high-density optical interconnects and advanced photonics technologies, which can influence pricing for specialized or high-performance arrays.

Factors Affecting Price

- **Channel Count:** More channels generally increase cost due to complexity and precision requirements.
- **Material:** Quartz, pyrex, or silicon arrays have different costs and performance characteristics .
- **Customization:** Custom pitches, polishing angles, or wavelength ranges can significantly raise prices .
- **Volume:** Bulk orders often reduce per-unit cost, while single-unit purchases are more expensive.
- **Application:** Arrays for high-performance photonic integrated circuits or LiDAR systems may carry premium pricing.

Summary

For standard small arrays, expect \$150-\$250 per unit, while custom or high-channel-count arrays can cost significantly more. Market trends indicate steady growth in demand, particularly for high-density and specialized applications, which may influence future pricing. Suppliers like PHIX Photonics and Precision Micro-optics provide both stock and custom options, allowing buyers to select arrays based on technical requirements and budget .

Article Content

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Fiber Optic Cable Price Per Foot Guide 2026

Buyers typically pay a range for fiber optic cable per foot depending on fiber type, jacket, and shielding, plus

Fiber Array - OEQuest

The largest online source for fiber optics, EDFAs, photonics devices, optical components, and more. Thousands of products in stock,

1D Fiber Array (1DFA) | SZPHOTON Custom Fiber Arrays

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Fiber Array Units | FAUs for Next-Generation (Next-Gen ...

Corning fiber array units (FAUs) are engineered for long-haul, metro, and data center applications, delivering ultra-precise fiber

Global Fiber Optic Array Market 2025 by Manufacturers, Regions,

Chapter 2, to profile the top manufacturers of Fiber Optic Array, with price, sales quantity, revenue, and global market share of Fiber

2d Fiber Array Optic Assemblies, Custom Design And Fabrication

MEISU provides 2D fiber array (two-dimensional fiber array) with quality fiber collimators and fiber bundles. Ideal for high-density

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Discover the perfect addition to your Fiber Connector with our Fiber Array ber connectors have distinctive features like high-speed

Optical Fiber V Groove Linear Fiber Array FAU Unit, Custom Design ...

MEISU provides fiber array unit with customizable V-groove block & id, precise fiber core pitch, various fiber types, and flexible

Precision Fiber Optic Collimator/Focuser Array

A Precision Fiber Optic Collimator/Focuser Array is an optical device that aligns multiple optical fibers in a high-density, linear

Fiber Array

To feed numerous array elements or subarrays, a true-time delay feed was formed by splitting the modulated single tunable laser

Fiber Optic Array Market Size And Share Report, 2032

The Fiber Optic Array Market refers to the industry that deals with the manufacturing, distribution, and use of fiber optic

Optical fiber arrays | Products, Services | MITSUBISHI MATERIALS ...

Optical fiber arrays are a key device for fiber-optic communication technologies used to align optical fibers, the core of optical

2D Fiber Array (2DFA) | SZPHOTON Custom Fiber Arrays

Custom 2D fiber array from SZPHOTON. Precision multi-fiber alignment for optical interconnects and photonic applications. Custom

1D and 2D fiber optic arrays, 2D fiber optic arrays for spectroscopy

Product description High-precision 1D and 2D fiber optic arrays IDIL designs specific 1D and 2D fiber arrays that can be placed on a

Fiber arrays & optical fiber matrix | fibertec

Fiber arrays (or fiber optic arrays or fiber array units) are one- or two-dimensional arrays of optical fibers. Often, such an array is

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Our high-precision fiber arrays are engineered to meet rigorous technical specifications, enabling customers to define critical

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

