

Fiber Array Equipment Manufacturers



Article Overview

Leading fiber array manufacturers include PHIX Photonics, Optek Systems, Olantech, Broadex Technologies, Fi-ra Photonics, Shenzhen TYKOFIBER, and Zhejiang Pusen Communication Technology.

Key Manufacturers and Offerings

PHIX Photonics Assembly specializes in high-precision v-groove fiber arrays for photonic integrated circuits (PICs), covering ultraviolet to infrared wavelengths, with channel counts up to 64. They offer standard and custom fiber arrays, including polarization-maintaining (PM) and multi-mode types, as well as lensed fiber arrays and spot size converters for efficient PIC coupling . PHIX also provides contract manufacturing and hybrid assembly services for telecommunications, industrial, automotive, medical, space, and military applications . Optek Systems produces Fiber Array Units (FAUs) and multifiber assemblies for high-density, high-bandwidth applications in telecommunications, data centers, silicon photonics, defense, and medical sectors. Their proprietary laser technology enables precision fiber processing, lensing, and hermetic packaging . Olantech manufactures PLC-type optical splitters and fiber arrays with high reliability under harsh environmental conditions, compliant with Telcordia GR-1209-CORE and GR-1221-CORE standards . Broadex Technologies focuses on planar lightwave circuit (PLC) products, offering expertise in optical design, testing, and packaging of fiber arrays and splitters . Fi-ra Photonics Co., Ltd. produces PLC splitters and fiber arrays for FTTH networks, providing standard and custom solutions . Shenzhen TYKOFIBER Co., Ltd. specializes in optical components including fiber arrays, pigtails, collimators, and PLC chips, with a focus on research, development, and manufacturing . Zhejiang Pusen Communica...

Article Content

Fiber Array | Fiber V Groove Manufacturer

3V TECHNOLOGY is a leading solution provider of optical fiber fixing& assembling,with more than 18years professional experiences.We have more than 30 skilled workers,who had been worked in

Sylex Fiber Optics

Sylex is a worldclass original design developer of firstclass optical interconnection equipment. Interconnections and Sensors solutions.

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 fiber arrangement in optical cross-connection, spectroscopy,

Fiber Array Unit (FAU) Series

Corning OEM offers a broad range of Fiber Array Units (FAUs) for long-haul, metro networks and data center applications. With customizable V-groove chips and covers, and Corning's

Fiber optic solutions manufacturer, integrated fiber optic solutions

Integrated Fiber Optic Solutions FiberTech Optica is a leader in the design and manufacture of specialty fiber optic solutions for applications including spectroscopy, astronomy and space, process control &

Products | Fiber Array Units — PLC Connections

Our FAUs can meet a wide variety of customer requirements from sample fabrication to volume productions. For a custom quote on any of our fiber array products, please fill out our RFQ form and

Fiber Array Design & Manufacturing | Broadex Technologies

We can customize all aspects of a fiber array, including the fiber locations, array pitch and dimensions, materials, packaging and connectorization. The many types of fiber we package include single mode,

Fiber Array

Custom Fiber Array Manufacturer About Fibconet Providing Custom Fiber Optic Array Design& Solution FIBCONET specializes in the research and development, production, processing,

Fiber optic array manufacturer, linear and 2D fiber optic

FiberTech Optica has developed capabilities to fabricate high precision linear, 2D and v-groove fiber arrays housed in common metals and polymers. For

Fiber Arrays – Buyer's Guide & Supplier List | RP

This buyer's guide for fiber arrays provides technical background, comparison of major types, selection criteria, and an overview of suppliers.

Fiber optic solutions manufacturer, integrated fiber optic solutions

FiberTech Optica designs, manufactures and integrates specialty fiber optic solutions for spectroscopy, space, process control and biomedical applications. Contact us!

Overcoming challenges when qualifying • Santec Holdings Corporation

The fiber array serves as a precise alignment tool, ensuring the accurate alignment of multiple fibers into the waveguides of the PIC or other compact optical devices. Typically, fibers are arranged at a

Fiber arrays & optical fiber matrix | fibertec

Fiber arrays (1D & 2D) made of silica single and multimode fibers for industry, sensor technology, image processing & telecom - homogeneous light distribution, robust & precisely manufactured.

Optical Assemblies and Arrays

Whether you need simple, single-fiber patch cables or custom fiber optic assemblies, our team is dedicated to meeting your volume requirements promptly and reliably.

FAU and Multifiber Assemblies | Optek Systems

FAU (Fiber Array Unit) multifiber assemblies offer high-density, high bandwidth solutions for the new era of fiber optic applications, including telecommunications, data centers, silicon photonics, defense and

Fiber Arrays

PHIX offers v-groove optical fiber arrays from stock, suitable for assembly to photonic integrated circuits (PICs).

Fiber Array (up to 196CH or customized)

Fiber Array Length (m): 1.5 ± 0.1 or Customized Polishing Angle (°): 0, 8, -8 (± 0.3) or Customized Polishing flatness: 5 fringes@633nm Working Temperature: -40 to 85
Features: 1: Excellent fiber

Fiber Array

Providing Custom Fiber Optic Array Design & Solution FIBCONET specializes in the research and development, production, processing, and sales of optical communication products.

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

As a professional optical fiber array unit manufacturer, MEISU offers the most extensive selection of linear fiber arrays for different applications by providing customizable V-groove block & id, precise

V-Groove Fiber Arrays

The manufacturing process is optimized to achieve minimal placement errors, with typical core offsets as low as 0.5 μm . The fiber array can be populated with UHNA, PM, and multicore fibers, and optional

Fiber Arrays

Our offering covers the wavelength range from ultraviolet to infrared, channel counts up to 64, and various pitches and polishing angles. We have many fiber arrays available from stock and can make

FiberBridge Photonics

Covering the entire value chain – from fiber components to high-power laser systems – FiberBridge Photonics delivers resilient and fully integrated manufacturing solutions, ensuring supply chain

Custom Fiber Array And PM Fiber Optical Devices | MEISU

Discovering a range of custom optical assemblies, including 2-dimensional fiber array, linear fiber array, PM fiber devices, high-temperature optical components, and optical switch for coherent optical

Fiber array / Polarization Maintaining Fiber Array

So the requirements for materials and manufacturing technology are very high. FOCl can provide various types of optical fiber arrays according to different design requirements, such as the number

Our offering

Our products and services include prototype and volume photonic packages, fiber arrays with optional SSCs and contract manufacturing.

RAM Photonics Industrial Launches Mass Production of 2D Fiber Arrays ...

March 20, 2025 RAM Photonics Industrial, LLC, an innovation leader in automated photonics manufacturing, announces the launch of the Medusa TM Array product family. The scalable 2D fiber

Custom Fiber Array, PBS, Optical Switch And Other Custom Optical ...

MEISU is a designer & producer of custom optical fiber array sub-assembly in China, providing optical assemblies including 2D fiber arrays, linear v groove fiber array, PM fiber device, HT fiber device,

Contact Us

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