

Fiber Array Components

Overview

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 medical applications. Corning fiber array units (FAUs) are engineered for long-haul, metro, and data center applications, delivering ultra-precise fiber alignment with low insertion loss and high optical return loss. OpTek System's proprietary laser technology offers end-to-end. Phillips Medisize, a Molex company, offers optical assemblies and arrays with extremely tight tolerance one-dimensional (V-Grooves) and two-dimensional arrays using patented manufacturing techniques. Array options range from a few fibers to thousands of fibers depending on the application. Available to customize in order to meet specific.



Article Content

Apr 07, 2026

Products | Fiber Array Units — PLC Connections

PLC Connections offers a broad range of FAUs for PIC (photronics integrated circuit) assembling, including SM, PM, and MFD conversion fiber types. Our FAUs features accurate core position, ...

Dec 12, 2025

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

Leveraging specialty fibers, customizable V-groove designs, and advanced dicing and metrology, Corning FAUs are tailored to customer requirements including core pitch, channel count, fiber type, ...

Jan 18, 2026

Custom Fiber Array And PM Fiber Optical Devices | MEISU

MEISU specializes in precise custom fiber array sub-assemblies and PM fiber optical components and assemblies for different areas like integrated optics, sensing, healthcare, spectroscopy, etc.

Jan 15, 2026

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.

Aug 18, 2025

Fiber Array Unit (FAU) Series

11/65/EU GR-1221-Core GR-1209 Corning OEM offers a broad range of Fiber Array Units (FAUs) for long-haul, metro networks.

Dec 11, 2025

What is a Fiber Array (FA)?

A Fiber Array, commonly abbreviated as FA, is a critical interface component in Silicon Photonics (SiPh) packaging, Photonic Integrated Circuits (PIC), and Co-Packaged Optics (CPO) architectures. It is ...

Nov 22, 2025

Fiber Array Units (FAU)

Focuslight provides key optical components for FAUs, including engineered V-groove arrays and protective lids, ensuring precise fiber alignment and durability.

Nov 07, 2025

What Is a Fiber Array (FA) and Why Is It Essential in Optical ...

A Fiber Array (FA) is an optical component that aligns multiple optical fibers in a highly precise manner. Typically, the fibers are arranged in a straight line (1D) or in a matrix format (2D) to enable mass ...

Nov 20, 2025

FAU and Multifiber Assemblies | Optek Systems

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Apr 23, 2026

Fiber Array Unit (FAU) for High-Precision Fiber Alignment

Neptec's Fiber Array Unit (FAU) is designed for superior stability and low insertion loss, enabling reliable performance in chip integration-based applications. Available to customize in order to meet specific ...

Contact Us

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