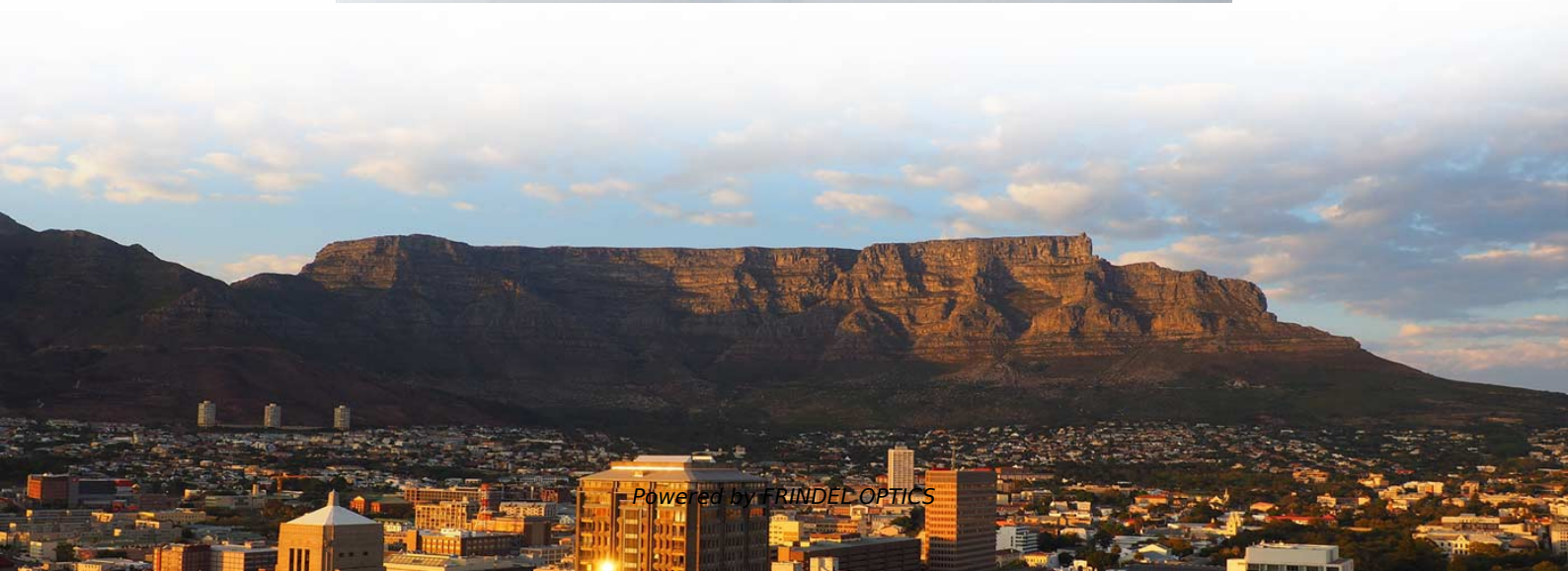
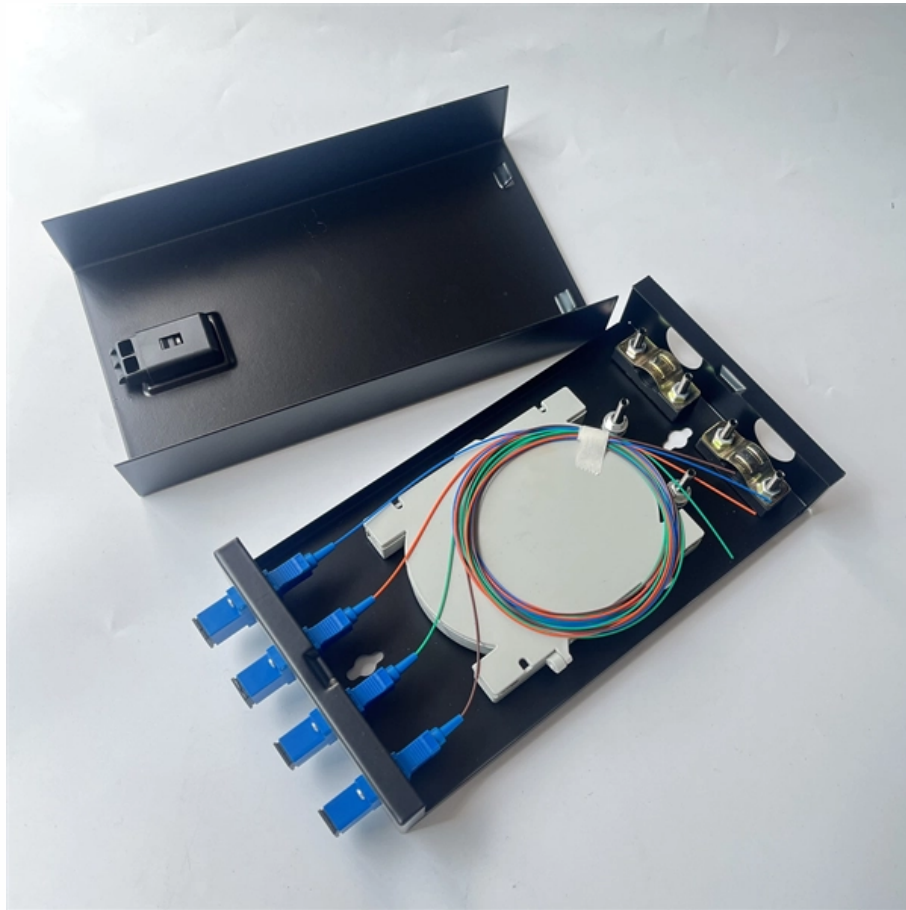


Finnish Optical Module Micro-Assembly Equipment Factory





Overview

FinnLight provides a comprehensive combination of technologies covering all classes of photonics materials as well as full-scale process lines for device fabrication and assembly. We offer customized optics and photonics design, testing, and manufacturing solutions under one roof, meeting even the most demanding industrial requirements. Miniaturized optical systems are increasingly characterized by a high degree of complexity, since the optical components have to be combined with electronic components and micromechanical actuators to form systems with a high integration density. Bevenic Oy is a prominent Nordic contract manufacturer that specializes in innovative photonics solutions, offering customized services and certified quality in the production of optical fibers and components.



Finnish Optical Module Micro-Assembly Equipment Factory



Photomatiq: photonics micro-assembly equipment

Industrializing your photonics micro-assembly product: limit the risk when testing and manufacturing. ISP can propose proof of concept as well as testing session to

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Modular micro-optics assembly platform suited for

The Indigo modular machine platform can assemble a wide range of micro-optical elements, with both modular hardware and software. Suited for

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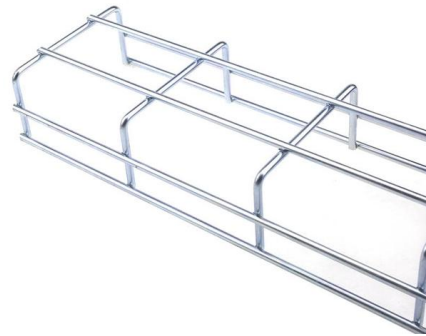
30 Types of Optical Cable Production Equipment

Explore 30 essential types of production equipment used in optical cable and fiber optic assembly manufacturing. Learn how these machines enhance efficiency

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PHOTONICS IN FINLAND

Optics & Photonics Days (OPD) is an annually organized main event that gathers the whole photonics ecosystem in Finland from business to academia. Photonics Finland also organizes the Finnish



Electronic manufacturing company

In addition to our factories in Turku (Finland) and Kuressaare (Estonia), we have sale office in Germany. Both of our production plants are known for their flexible

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OPTICAL ASSEMBLY SOLUTIONS

SmarAct optical assembly solutions deliver cutting-edge technology for the alignment, positioning, and integration of optical components with nanometer accuracy. Whether in photonics, laser technology,

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Top 84 Photonics Companies in Finland (2026) , ensun

Bevenic Oy is a prominent Nordic contract manufacturer that specializes in innovative photonics solutions, offering customized services and certified quality in the production of optical fibers and

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Automatic lens assembly machine CCM - USUN

Intelligent production: diversified product micro-module assembly, Assembly fields: vehicles, mobile phones, fiber optic connectors, electronic components, 3C. The

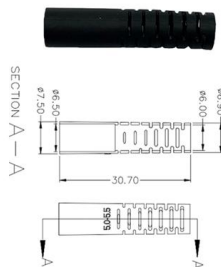
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Members - Photonics Finland

Dispelix Ltd is a designer and fabless manufacturer of mass-manufacturable diffractive waveguide displays and display modules for use in

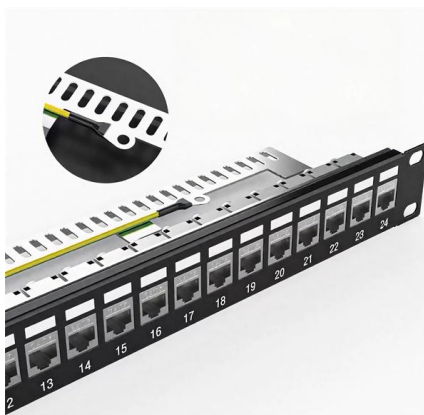
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Precision Optical Assemblies

From miniature endoscopes, optical modules, and imaging objectives to full optical systems encompassing optics, illumination, electronics and software, our team of

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Micro Assemblies - POC

FinnLight Photonics Infrastructure

FinnLight - Finnish Research Infrastructure on Light-Based Technologies FinnLight provides a comprehensive combination of technologies covering all classes of

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Many optical design and assembly suppliers simply start at 10 mm and work down. There are fundamental differences in working with micro assemblies --Precision

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Optical products & services

We specialize in high-quality custom optics and optical components and provide turnkey service according to customer preferences. We have a complete in-house service and manufacturing chain

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FinnLight Photonics Infrastructure

FinnLight provides a comprehensive combination of technologies covering all classes of photonics materials as well as full-scale process lines for device fabrication and assembly.

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Fully vertically integrated laser fab , Modulight

All of the premises and factory are fully owned by Modulight. Between 2019 and 2022, we invested a \$50M into the capabilities and equipment, adding significant upgrades across our semiconductor fab,

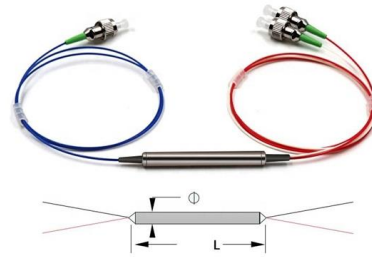
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Precision assembly cell for micro

The CL1500 assembly station has diverse technical vision capabilities, precise 4- and 6-axis micromanipulators, adhesive dispenser and UV-cure unit and many

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Customized micro-assembly machines , Machine examples

Laser assembly machine Photonics automated micro-assembly equipment : Automated production of laser packages such as DPSS or diode laser Automated

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Photonics Finland - Photonics Finland Website

Photonics Finland is a technology cluster that promotes the photonics industry and research in Finland by connecting Finnish photonics companies, universities,

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Optics contract manufacturing

We offer custom design, testing, and manufacturing services, including compression-molded optics, thin-film coatings, and specialty optical

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Optical products & services

Nordic quality for OPTICAL PRODUCTS & SERVICES We specialize in high-quality custom optics and optical components and provide turnkey service according to customer preferences. We have a

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Optical components and their precision manufacturing

Department has modern clean room facilities for the fabrication of micro- and nanostructures including equipment for resisting, patterning, etching, and thin film

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Finnish National Photonics Roadmap

The Finnish photonics sector excels in optical imaging and sensing, micro- and nanophotonics, and laser and XR technology. Establishment of foreign photonics companies in Finland and the

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Home

PHIX supplies the photonics industry with design, assembly and packaging services for Photonic Integrated Circuits (PICs).

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PHOTONICS IN FINLAND

Photonics Finland also organizes the Finnish Pavilion in collaboration with Finnish companies for various Exhibitions such as Photonics West and Laser World of Photonics. Optics and Photonics days - the

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Micro assembly

We at Fraunhofer IOF have outstanding expertise in micro assembly and assembly technologies for such microoptical systems. We develop a solution for your task

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JOT Introduces Modular Automated Microfactory

OULU, Finland--JOT Automation Inc. and EID Robotics have introduced a system of standardized, modular, robotic cells that can be combined

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For datasheets, pricing, or custom fiber access solutions, please visit:
<https://www.frindel.es>