

# **Qioptiq fiber coupler**





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# Qioptiq iFLEX-Viper Multi-Wavelength Laser Engine

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Overview The Qioptiq iFLEX-Viper is a high-integration, solid-state multi-wavelength laser engine engineered for precision optical instrumentation in life science and industrial metrology applications.

## 2021\_01\_PSM1031\_5\_KineFLEX\_HP\_VV\_Rev3

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This fiber delivery technology is designed around pre-focused and integrated optical assemblies. The fiber is designed to be mode-matched to your laser parameters to achieve transmission efficiencies



## Fiber Optic Couplers Information

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Fiber optic couplers are optical devices that connect three or more fiber ends, dividing one input between two or more outputs, or combining two or more inputs

## Beam expansion and

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BeamTuning asphericon BeamTuning for beam expansion, fiber collimation and beam shaping at the next level. Discover a comprehensive range of laser beam processing elements, the various possible

## Datasheet Fiber delivery system - kineFLEX

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Qioptiq fibersystems can be customized for exacting OEM specifications. Outputs can be configured to produce pure Gaussian profiles, extremely low wavefront and zero aberrations, as well as



## **LINOS Optics Shop , Fiber Illumination System**

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Fiber Illumination System Excelitas provides a wide variety of laser types, in wavelength ranges from 375 nm to 785 nm and output powers of up to 450 mW. We also offer the classic broadband light

## **Datasheet Fiber coupled laser diode system - iFLEX20**

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The kinematic design of the laser to fiber coupler enables true 'Plug & Play' benefits for single mode and polarization-preserving fiber designs. Sub-micron repeatability and sub-microradian stability mean

## **kineFLEX Fiber Delivery System**

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The kineFLEX fiber delivery system includes our patented kineMATIX<sup>®</sup> fiber coupler, which is used for aligning the fiber to the laser, and for mounting the fiber

## **Qioptiq iFLEX-iRIS Series High-Stability Diode Laser Module**

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Overview The Qioptiq iFLEX-iRIS series is a high-performance, fiber-coupled diode laser module engineered for applications demanding exceptional temporal and spatial beam stability.

## **Qioptiq KineFLEX Plug-and-Play Single-Mode Fiber Coupler**

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The Qioptiq KineFLEX Plug-and-Play Single-Mode Fiber Coupler is a precision-engineered optical interface designed for deterministic, high-fidelity coupling of free-space laser beams into single-mode



## Connector Adapters Technical Support

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Connector Adapters For kineFLEX™ systems that contain in-line FC/PC polarization maintaining connectors, the connector adapter will influence the performance of the system. A good adapter

## FIBER-COUPLING SYSTEM , Qioptiq Photonics GmbH

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It consists of a coupler, a single-mode or polarization-maintaining fiber, and a collimator with diffraction-limited beam collimation. Transmission over the visible

## Connector Adapters Technical Support

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Tilt the fiber coupler using screws A1 & B1 in turn to achieve the highest transmission efficiency. Translation provided by screws A1 & A2. Alternately turn screws A1 & A2 in the same direction in small

## **FIBER/LASER COUPLER , Qioptiq Photonics GmbH & Co. KG , New**

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A fiber-to-laser coupler from Linos Photonics GmbH features an integrated shutter for laser safety. The shutter, which operates on a 12-V power supply, has a response time of

### **Contact Us**

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