Optics & Photonics

Indzawo Optic Connect

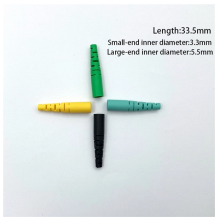
Fast-axis compression laser diode





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Fast-axis compression laser diode

	QD-Q1yzz-BO, QD-Q1yzz-BSO and QD-Q1yzz-BSSO are a variety of conductively cooled laser diode stacked arrays designed with a Fast-Axis Collimation lenses (FAC lenses).
	wer diode lasers is the Fast-Axis Collimation optics. The len-ses are manufactured fro high-quality glass and have an acylindrical surface. Their high numerical aperture permits the entire diode
	Anti-reflective coating with lowest absorption for high-power applications, large numeric aperture allows the collimation of the entire diode power with best beam quality.
	Kingwin Optics provides high-quality Fast Axis Collimators designed for precise collimation of diode laser beams. With a focus on high transmission, beam quality, and customizable options, Kingwin Optics ...
	In modern laser technology, the Fast Axis Collimator (FAC) is an indispensable optical component, particularly in the applications of miniaturized, high-power laser sources like laser diodes.

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The aspheric cylindrical designs and high numerical apertures allow for uniform collimation of the entire output of a laser diode while maintaining high beam quality.



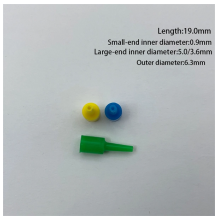
This product uses micro-optical lenses for fast-axis compression, tailoring the fast-axis divergence angle as per specific requirements to enhance beam quality.



Advanced Optical Assemblies FAC with Bottom Tab FISBA Beam TwisterTM (FBT) Manufacturing Technology for Advanced Optical Components Laser Diodes: Fast and Slow Axis Collimation ...



FISBA offers Fast Axis Collimator lenses (FACs), the essential components for laser diode systems.



Our fast-axis online collimation system allows for real-time monitoring and adjustment during the compression process, ensuring that the spot profile adapts well to environmental temperature ...



This product uses micro-optical lenses for fast-axis compression, tailoring the fast-axis divergence angle as per specific requirements to enhance ...

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Contact Us

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