Optics & Photonics

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Jordan ODMDFB Distributed Feedback Laser 1 6T

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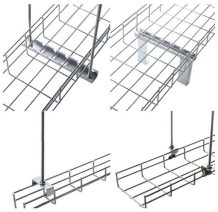
	DFB lasers suitable for near infrared molecular absorption. Available wavelength range between 1260 nm and 2340 nm. A variety of DFB-LDs are available ...
	Thorlabs'' Distributed Feedback (DFB) Lasers are narrow-linewidth, single-frequency laser diodes that use a corrugated waveguide throughout the active region of the laser cavity (see SFL Guide tab).
	Distributed Feedback (DFB) and Distributed Bragg Reflector (DBR) laser diodes feature a frequency-selective structure within the laser chip, which restricts the laser emission to a single longitudinal ...
	The front facet of the laser chip is provided with a high quality antireflection coating for avoiding the Fabry Perot modes of the laser chip. Distributed Feedback (DFB) Diode Lasers are available at ...
	This distributed feedback lasers buying guide provides technical background, comparison of major types, selection criteria, and an overview of suppliers.

DFB lasers suitable for near infrared molecular absorption. Available wavelength range between 1260 nm and 2340 nm. A variety of DFB-LDs are available telecom and spectroscopy applications! ...



Distributed Feedback Lasers (DFB) from Innolume ensure high wavelength stability and narrow linewidth. Covering 780-1350 nm, they feature a proprietary chip design.

The acronym DFB laser stands for distributed feedback laser. Their key features relative to other semiconductor lasers are their single longitudinal mode (single frequency) emission profile, their high ...

A DFB laser''s periodic structure acts as a distributed reflector, providing optical feedback and wavelength selection for the diode. This allows these lasers to ...

Narrow down on the list of Distributed Feedback (DFB) Laser Diodes by wavelength, type, technology and other parameters. Once you find a list of relevant products download datasheets and request ...

Distributed feedback laser diodes DFB s are semiconductor-based lasers that integrate a grating structure inside the gain chip to stabilise the laser at a fundamental level.

	Our Distributed Feedback (DFB) Lasers provide single-frequency output with unparalleled wavelength stability, ideal for gas sensing/molecular spectroscopy, LIDAR, and telecom.
	A distributed-feedback laser (DFB) is a type of laser diode, quantum-cascade laser or optical-fiber laser where the active region of the device contains a periodically structured element or diffraction grating.

Contact Us

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