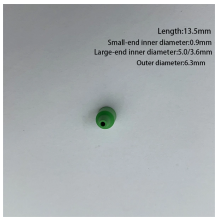
Original genuine low-temperature resistant DFB distributed feedback laser

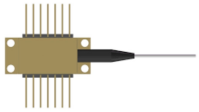
© 2026 HHC Networks & Smart City Solutions - All rights reserved

Original genuine low-temperature resistant DFB distributed feedba



Built with Distributed Feed-Back Grating (DFB) as cavity reflector, it provides a pure, single longitudinal mode, and extremely stable wavelength source. This laser diode is fabricated with Multiple Quantum ...

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, ...



These products utilize patented Etched Facet Technology (EFT) for wafer-scale testing and manufacturing with the following benefits: Products are RoHS compliant, designed for Telcordia GR ...

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

The AA0701 distributed feedback laser (DFB) is an InGaAsP/InP multi-quantum well laser diode. The module is ideal in applications where high bandwidth, mode stability, low relative intensity noise ...

© 2026 HHC Networks & Smart City Solutions - All rights reserved

	Our Distributed Feedback (DFB) Lasers provide single-frequency output with unparalleled wavelength stability, ideal for gas sensing/molecular spectroscopy, LIDAR, and telecom.
	For the detection of major trace gases, we offer Distributed Feedback Lasers with enhanced specifications. Download your datasheet:
	A distributed feedback grating (DFB) located in the laser cavity results in the wavelength stabilization within couple of round trips. The laser chip and package are optimized for subnanosecond pulse ...
	DFB lasers tend to be much more stable than Fabry–Perot or DBR lasers and are used frequently when clean single-mode operation is needed, especially in high-speed fiber-optic telecommunications.
	Thorlabs'' Distributed Feedback (DFB) Lasers in butterfly packages are narrow-linewidth, single-frequency laser diodes that use a corrugated waveguide throughout the active region of the laser ...

© 2026 HHC Networks & Smart City Solutions - All rights reserved

Contact Us

For more information, pricing, or custom network solutions, please contact us:

Website: https://www.hashherbcafe.co.za
Email: hello@hashherbcafe.co.za
Phone: +27 63 814 7295
Address: 15 Galaxy Road, Linbro Business Park, Johannesburg, 2065, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

© 2026 HHC Networks & Smart City Solutions - All rights reserved