



THINKING
BEYOND

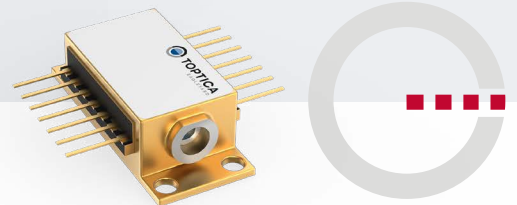
NEW WAVELENGTHS

spectroscopy

QT

metrology

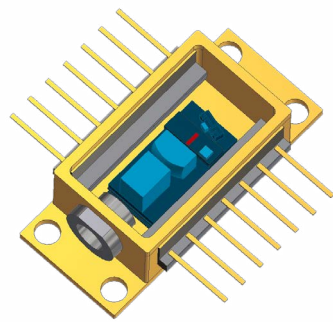
life science



miniECL
in standard butterfly package

Miniature external cavity laser with ~ 100 kHz linewidth





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Single Frequency Laser Diode

40 mW @ 670 nm (Li D1 & D2 line), 80 mW @ 770 nm (K D1 line),
80 mW @ 780 nm (Rb D2 line), 80 mW @ 852 nm (Cs D2 line),
80 mW @ 895 nm (Cs D1 line)

PRODUCT HIGHLIGHTS

- + Small linewidth of ~ 100 kHz
- + Very good SMSR (typ. 50 dB)
- + Integrated beam collimation
- + Thermal management by integrated thermoelectric cooler and thermistor

Datasheets:

EYP-ECL-0671-00040-1500-BFW01-0005
EYP-ECL-0770-00080-1500-BFW01-0005
EYP-ECL-0780-00080-1500-BFW01-0005
EYP-ECL-0852-00080-1500-BFW01-0005
EYP-ECL-0895-00080-1500-BFW01-0005

NEW WAVELENGTHS FOR ONE OF OUR NEWEST INNOVATIONS

This single frequency laser diode has a super fine linewidth of typical 100 kHz. A stable performance is ensured by the integrated cavity in the robust butterfly package. Moreover, wavelengths between 650 – 1100 nm are customizable upon request, opening more freedom across the spectrum.

YOUR ADVANTAGES

- ✓ Ease of use thanks to high integration level
- ✓ Robustness due to hermetically sealed butterfly package
- ✓ Very small linewidth for precise results
- ✓ Possibility of wavelength customization



Contact us!

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