



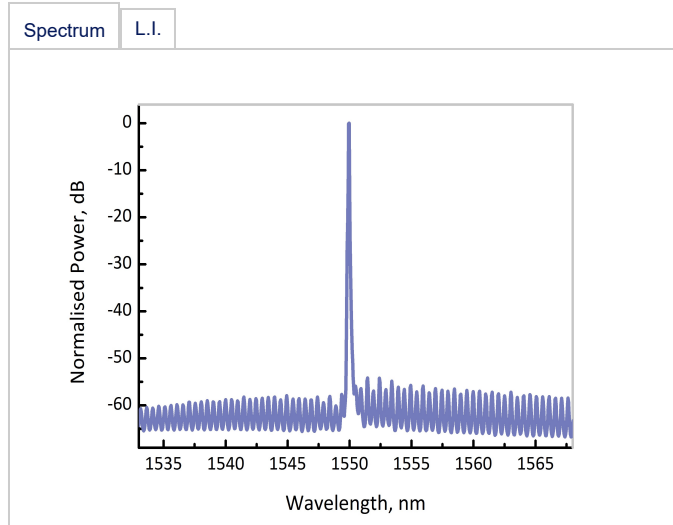
## LASER DIODES BUILT ON WORLD CLASS TECHNOLOGY & EXPERTISE FOR OVER A DECADE

### EP1550-0-NLW-400 kHz SERIES

Eblana's NLW series has become the industry standard in monolithic, ultra narrow linewidth laser diodes in the near infrared.

Built on Eblana's Discrete Mode technology platform these lasers are the ultimate solution where the highest spectral purity must be delivered in the harshest environmental conditions.

- ..... Standard linewidths down to sub 400 kHz
- ..... Monolithic design without external cavity
- ..... Tunable by either temperature or current
- ..... Low sensitivity to mechanical vibration
- ..... Injection locking versions available
- ..... Wavelength may be specified to custom value



### KEY PARAMETERS

The EP1550-0-NLW-400 kHz product series delivers precise narrow linewidth in a fiber coupled 14-pin Butterfly with optical isolator.

- Linewidth < 400 kHz                      Tuning Range = 2 nm
- SMSR = 40 dB (typ)                      Optical Isolation > 55 dB
- Power in fiber = 5 mW                      RIN = 160 dB/Hz

### CONTACT US FOR THE FULL DATASHEET

Name

Company

Email

Datasheet

Please enter any additional information that you can to help facilitate a detailed response.

Note: Your data will not be shared

### RELEATED PRODUCTS

NLW 1550 nm		DM							
NLW 100kHz	<a href="#">[ View ]</a>	EP760-0-DM	<a href="#">[ View ]</a>	EP1392-5-DM	<a href="#">[ View ]</a>	EP1692-0-DM	<a href="#">[ View ]</a>	EP1950-0-DM	<a href="#">[ View ]</a>
NLH 200kHz	<a href="#">[ View ]</a>	EP780-0-DM	<a href="#">[ View ]</a>	EP1512-2-DM	<a href="#">[ View ]</a>	EP1742-2-DM	<a href="#">[ View ]</a>	EP2004-0-DM	<a href="#">[ View ]</a>
NLW 200kHz	<a href="#">[ View ]</a>	EP1278-1-DM	<a href="#">[ View ]</a>	EP1653-7-DM	<a href="#">[ View ]</a>	EP1877-0-DM	<a href="#">[ View ]</a>	EP2330-0-DM	<a href="#">[ View ]</a>

### Why Choose Eblana

- Delivering high performance lasers for over a decade.
- Single Mode Laser Diodes from 689 to 2350 nm.
- Discrete Mode (DM) technology enables new & exciting mass market applications.
- Expertise always on hand to assist in custom laser design.

### Download Photonics Resources

- DM Lasers @ 780 nm for Rb Atomic Clocks
- Wide temp range NLW DM laser for Coherent Comms
- 0 < T < 85 °C NLW DM Laser Diodes for Coherent Comms
- Discrete Mode laser diodes with ultra-narrow linewidth emission

### Speak to Our Experts

- Call us today on
- +353 1 675 3220
- [\[ Sales Region Contact List » \]](#)

[\[ Learn More » \]](#)

[\[ View All Resources » \]](#)

#### EBLANA'S CONFERENCES & EXPOS



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