



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

### EP1950-0-DM SERIES - Tm SEED

Eblana's EP1950-0-DM series is designed for seeding of Thulium doped fibre amplifiers and lasers, as well as various sensing applications.

This laser is built on Eblana's Discrete Mode technology platform and delivers stable, precise lasing performance at 1950 nm.

Packaging options: 14-Pin Butterfly (w/ iso), TO39 (w/ TEC), TO56, DX-1 Module (driver & TEC electronics)

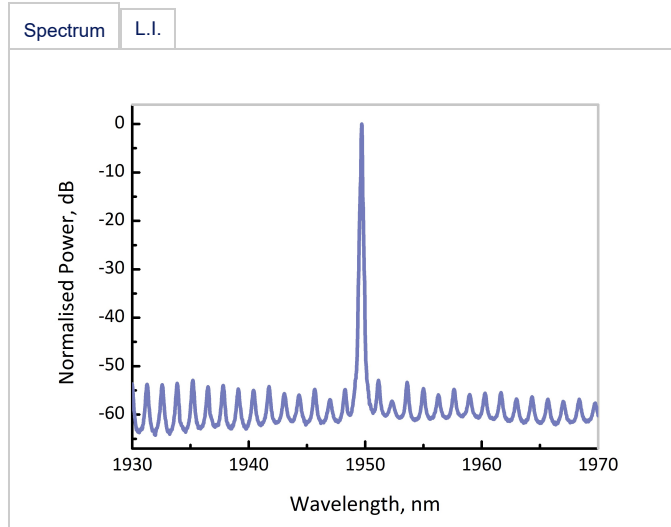
Popular wavelengths in this region: 1950 nm, 1955 nm, 1971 nm

Precise, stable spectral performance

Monolithic design without external cavity

Tunable by either temperature or current

Low sensitivity to mechanical vibration



### KEY PARAMETERS

The EP1950-0-DM product series delivers precise lasing emission at 1950 nm in a range of packaging options.

$\lambda = 1950 \text{ nm}$

$\lambda$  Tuning = 2 nm (typ)

SMSR = 40 dB (typ)

Optical Isolation > 40 dB

Power in fiber = 1 mW

Linewidth < 2 MHz

### 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

### RELATED PRODUCTS

#### DM

EP689-0-DM	<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>	EP2051-0-DM	<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>	EP2108-0-DM	<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>	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

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