



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

EP689-0-DM SERIES - Sr SENSING

Eblana's EP689-0-DM series is designed for Strontium detection using the 689 nm absorption line.

This laser is built on Eblana's Discrete Mode technology platform and delivers stable, precise lasing performance at 689 nm for a wide range of Strontium detection applications.

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

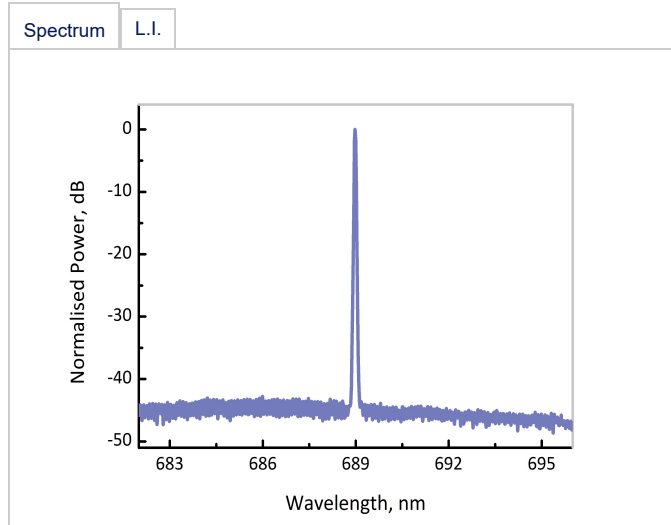
Popular wavelengths in this region: 689 nm, 691 nm

Precise, stable spectral performance

Monolithic design without external cavity

Tunable by either temperature or current

Low sensitivity to mechanical vibration



KEY PARAMETERS

The EP689-0-DM product series delivers precise lasing emission at 689 nm in a range of packaging options such as 14-pin butterfly module, TO-39 with TEC and TO-56.

$\lambda = 689 \text{ nm}$

Power in fiber = 10 mW

SMSR = 40 dB (typ)

Linewidth < 3-4 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

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EP760-0-DM [View] EP1392-5-DM [View] EP1692-0-DM [View] EP1950-0-DM [View] EP2108-0-DM [View]

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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.

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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

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