Eblana’s EP780-0-DM series is designed for Rubidium detection using the 780 nm absorption line.

This laser is built on Eblana’s Discrete Mode technology platform and delivers stable, precise lasing performance at 780 nm for a wide range of Rubidium detection applications.

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

- Rubidium detection at 780 nm
- Precise, stable spectral performance
- Monolithic design without external cavity
- Tunable by either temperature or current
- Low sensitivity to mechanical vibration

### Key Parameters

- **Wavelength**: 780 nm
- **Power in Fiber**: 12 mW
- **SMSR**: 40 dB (typ)
- **Linewidth**: < 3-4 MHz

### Contact Us for the Full Datasheet

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

- **Name**
- **Company**
- **Email**
- **Datasheet**

Note: Your data will not be shared

### Related Products

**DM**

- EP689-0-DM
- EP760-0-DM
- EP780-0-DM
- EP1278-1-DM
- EP1392-5-DM
- EP1512-2-DM
- EP1653-7-DM
- EP1692-0-DM
- EP1742-2-DM
- EP1877-0-DM
- EP1950-0-DM
- EP2004-0-DM
- EP2051-0-DM
- EP2108-0-DM
- EP2330-0-DM

**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