

**ILX LIGHTWAVE ANNOUNCES RELEASE OF  
TO-CAN LASER DIODE MOUNTING FIXTURE**

BOZEMAN, Montana, January 2007 - ILX Lightwave Corporation announces the release of the LDM-4990 TO-can-mounting fixture developed for low power TO-can laser diodes. This unique fixture supports 9mm, 5.6mm, and 5.4mm package styles and offers fast device insertion and removal. The LDM-4990 can also be quickly configured for three and four pin devices regardless of their pin assignments through dip switches. The fixture offers active temperature control with an integrated thermoelectric module and water cooling channels for a temperature control range of -20°C to +85°C. Fixture design and precision machining result in repeatable thermal resistance between the TO-can device and mounting block, minimizing the temperature difference between the laser and the fixture and ensuring repeatable laser measurements.

Fixturing for power and wavelength measurement is simplified with an optional rotating mounting post for mounting and locating ILX Lightwave's OMH-6700 series optical measurement heads. Fast, accurate power and wavelength measurements can be made with the OMM-6810B power meter or the LPA-9082 laser parameter analyzer. The LDM-4990 TO-can laser diode mounting fixtures are compatible with ILX Lightwave current sources and temperature controllers with standard 9-pin connectors for both laser and temperature control.

The LDM-4990 has been optimized for fast pre and post burn-in characterization in manufacturing test applications with ease of device insertion and removal, a wide temperature control range and easy integration with ILX power measurement instruments.

## **About ILX Lightwave Corporation:**

ILX Lightwave is a market and technology leader in laser diode instrumentation and test systems for research, development, and manufacturing. ILX Lightwave customers include Fortune 500 corporations, national research laboratories, government, and educational institutions. ILX Lightwave is headquartered in Bozeman, MT. As an industry leader for 20 years, ILX products offer customers the highest levels of performance and reliability. ILX Lightwave products are backed by over 60 application and technical notes and an extensive on-line knowledge base. For more information about ILX Lightwave, visit its website at [www.ilxlightwave.com](http://www.ilxlightwave.com).

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