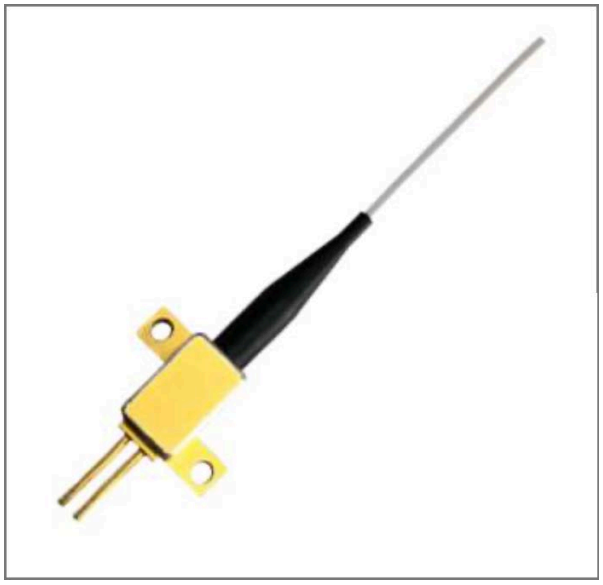
1470nm Laser Diode, 2500mW Output
Two-Pin Fiber-Coupled Coaxial Package



Features

- 1470nm, 2500mW Output
- 105µm Multimode Fiber, NA 0.22
- FC/APC Fiber Connector
- Two-Pin Coaxial Package

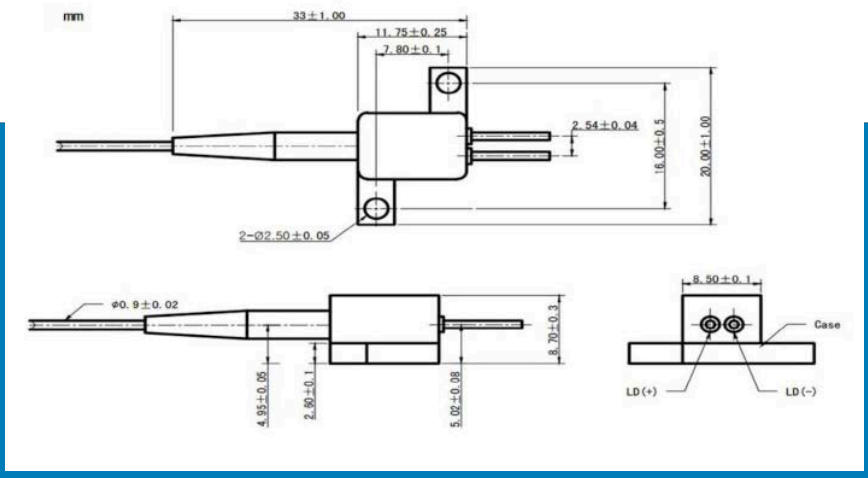
1470NM-2500MW Overview

This high power 1470nm Fabry-Perot laser is offered in a multimode fiber-coupled coaxial laser package. The package is designed for good heat conduction so that stable laser temperature can be maintained during high-power operation. This laser diode is coupled to 105µm MMF, NA 0.22 and terminated with an FC/APC connector. Other connector options are available. Please inquire for options and details. These high stability fiber-coupled laser diodes are designed and manufactured to meet the most demanding R&D and industrial applications.

Proven Laser Diode Expertise

These high stability fiber coupled laser diodes are designed and manufactured to meet the most demanding R&D and industrial applications.

Proprietary design, packaging, and fiber coupling processes produce laser diodes with very high stability and low noise. Each laser diode is subject to extensive testing and burn-in before shipment to ensure the highest possible levels of quality and long term reliability.



OPTICAL SPECIFICATIONS AT 25°C

- Center Wavelength: 1470 nm ±30 nm
- Output Power: 2.5 W
- Wavelength Temperature Coefficient: 0.7 nm/°C
- Spectral Width (FWHM): 10.0 nm

ELECTRICAL SPECIFICATIONS AT 25°C

- Operating Current: 10.0 A
- Threshold Current: 0.5 A
- Operating Voltage: 1.8 V

PACKAGE AND FIBER SPECIFICATIONS

- Coaxial Package with Mounting Bracket
- Fiber Connector: FC/APC
- Fiber Core Diameter: 105 µm
- Fiber NA: 0.22