

1550nm Laser Diode, 1500mW Output Two-Pin Fiber-Coupled Coaxial Package



Features

- 1550nm, 1500mW Output
- 105 μ m Multimode Fiber, NA 0.22
- FC/APC Fiber Connector
- Two-Pin Coaxial Package

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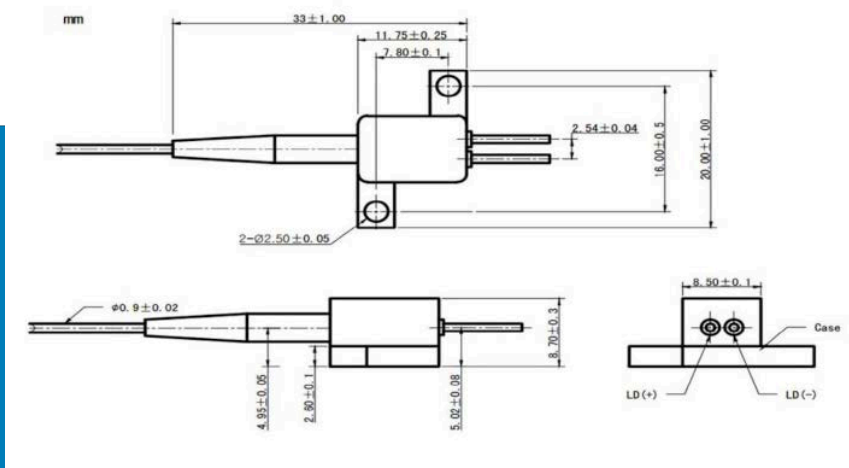
1550NM-1500MW Overview

This high power 1550nm 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.

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: 1550 nm (± 30 nm)
- Output Power: 1.5 Watts
- Wavelength Temperature Coefficient: 0.7 nm/°C
- Spectral Width (FWHM): 15.0 nm

ELECTRICAL SPECIFICATIONS AT 25°C

- Operating Current: 8.0 A
- Threshold Current: 0.5 A
- Operating Voltage: 1.8 V

PACKAGE AND FIBER SPECIFICATIONS

- 2-Pin Flat Pack
- Fiber Connector: FC/APC
- Fiber Core Diameter: 105 μm
- Fiber NA: 0.22

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