658nm, 50mW Coaxial Laser Diode
SMF Fiber with FC/PC Connector

PN: RLS/658NM-50MW-SMF

- Wavelength: 658 nm
- Output Power: 50 mW
- Spectral Width 2.0 µm FWHM
- Single-Mode Fiber, 4 µm Core
- Standard FC/PC Connector (Inquire for other connector options)

658NM-50MW-SMF Product Overview

This Fabry-Perot laser is offered in a coaxial single-mode fiber-coupled package, with heat-sink bracket that allows for multiple mounting options.

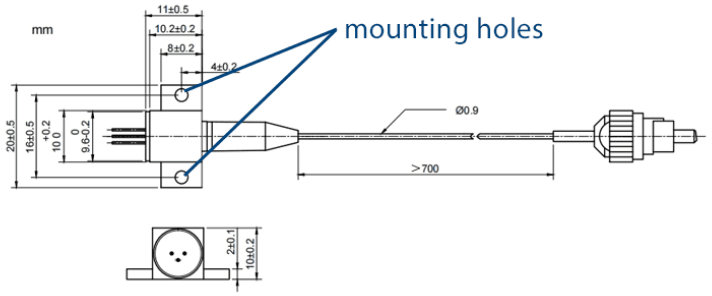
This laser is coupled to 4 µm single-mode fiber, NA 0.12, and terminated with an FC/PC connector. (Other options are available; inquire for options and details.)

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.

Package Dimensions:



OPTICAL SPECIFICATIONS

- Output Wavelength: 658 nm ±10 nm
- Output Power: 50 mW
- Spectral Width (FWHM): 2.0 nm
- Wavelength Temp. Coefficient: 0.2 nm/°C
- Beam Type: Gaussian Beam
- Laser Type: Fabry-Perot

FIBER SPECIFICATIONS

- Fiber Type: Single Mode Fiber
- Fiber Core: 4 µm
- N.A.: 0.12
- Fiber Length: >80 cm
- Fiber Connector: FC/PC (Other Types Available; Inquire)

ELECTRICAL SPECIFICATIONS

- Threshold Current: 55 mA (typ)
- Operating Current: 200 mA (typ)
- Operating Voltage: 2.8 V (typ)

PRODUCT SALES AND SERVICE:
Orders for this product are fullfilled by Laser Lab Source in North America.

PRODUCT WARRANTY:
This product is sold with a full one year warranty. It is warrantied to be free from defects in material and/or workmanship for a period of one year from the date of shipment. Warrranty does not include customer induced damage to the product through mishandling.

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