

# Columbia 850nm Laser Diode Model



## Overview

The PL85D0032FCB-T Fiber Coupled Laser Diode consists of Fabry-Perot lasers, having a fiber pigtail precisely attached for optimum coupling efficiency. This 850 nm center wavelength version has a typical 3 mW of output power and includes a back facet photodiode. Standard singlemode laser diodes are offered as stock items or associated with a CW or pulsed turn-key laser diode driver. Nanosecond pulsed driver with user design pulse shape turn-key solution. All AeroDIODE products can be connected together with a. 850 nm Laser Diodes are available at Mouser Electronics. In addition to the comprehensive standard program of 905 nm and 1550 nm pulsed laser diodes, LASER COMPONENTS Canada also manufactures high-power pulsed laser diodes (PLDs) at 850 nm. The DFB laser diode chip is packaged in an industry standard hermetically sealed 14 pin butterfly package with TEC and PD Built in.



## Article Content

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Description: This laser diode module contains an optimized GaAs substrate based quantum well high power laser diode. It has been designed for customer specific applications and is available with

48 Laser Diode Manufacturers in 2026

48 Laser Diode Manufacturers in 2026 This section provides an overview for laser diodes as well as their applications and principles. Also, please take a look at the list of 48 laser diode manufacturers and

850nm DFB PM Laser diode-LD-PD PTE. LTD.

The DFB laser diode chip is packaged in an industry standard hermetically sealed 14 pin butterfly package with TEC and PD Built in. We special design the area only work in room Temperature.

850nm Infrared Line Laser Diode Modules

Specifications of 850nm Infrared line Laser Module Characteriscics □ High-quality laser diode, optical glass lens, driver circuit and housing High reliability, high

Pulsed Laser Diodes

Pulsed laser diodes are available at wavelengths of 850 nm, 905 nm and 1550 nm.

PL85D0032FCB-T Laser Diode

The PL85D0032FCB-T Fiber Coupled Laser Diode consists of Fabry-Perot lasers, having a fiber pigtail precisely attached for optimum coupling efficiency. This 850 nm center wavelength version has a

10mW, 850nm Alignment Laser Diode

Red and IR Alignment Laser Diodes are available in output powers from 1 to 100mW at 635nm, 780nm, 808nm, 850nm, and 980nm wavelengths. These low cost laser diode modules combine drive

Pulsed Laser Diodes at 850

The high-volume/low-cost series consists of pulsed laser diodes in a metal housing that are best suited for consumer products such as laser rangefinders. SMD housings are also available.

850 nm Laser diode & Turn-key solutions

Choose your own fiber-coupled laser diode + turn-key Driver solution Standard singlemode laser diodes are offered as stock items or associated with a CW or pulsed turn-key laser diode driver.

### 850nm Laser Diodes

All Brands on One Site, Compare 850nm Laser Diode Specifications and Pricing, Unbiased SELECTION GUIDE, Research All of Your Choices and Select the Best

850 nm laser diode 40 mW to 250 mW fiber coupled DFB at 850nm

The singlemode 850 nm laser diode (Model 1 & 2) can be purchased mounted in this Pulse and CW laser diode driver. The 850 nm precision pulses are generated internally by an on-board pulse

850nm Lasers | RPMC Lasers Inc

RPMC Lasers offers 850nm laser diodes for sensor, low speckle, illumination applications and more. Browse these conductively cooled CW laser diodes.

850 nm Laser Diodes – Mouser

Mouser offers inventory, pricing, & datasheets for 850 nm Laser Diodes.

### DOT LASER MODULES

Low cost, small size diode laser module featuring metal housing with fixfocus acrylic collimating lens for excellent beam quality. Integrated driving electronics with surge current protection.

850nm SM Fiber coupled VCSEL Laser diode (with TEC)

Home Laser diode VCSEL Laser Diode 850nm SM Fiber coupled VCSEL Laser diode for 4.25Gbps High speed Communication

850nm Laser Diode, 10mW Output Power from CNI Laser

These 850nm near IR laser diodes deliver 10mW of optical output power from an industry standard coaxial package. They are offered with a 5 micrometer single

850 nm High Power Pulsed Laser Diodes

OSI Laser Diode, Inc. (LDI) 850 nm laser modules are designed for use in fiber optic instruments where high optical power and low power consumption are required.

QSI 850nm 5mW Infrared Laser Diode TO18 5.6mm for Sensing and

Stable 850nm Infrared Output Infrared wavelength provides reliable performance for optical sensing detection and precision measurement applications

1mW 850nm Compact LDM Laser Diode Module

Compact LDM Focusable Laser Diode Modules ideal as a HeNe laser replacement with superior durability and small size are available at Edmund Optics.

#### DATA SHEET

**850NM-50MW-SMF Product Overview** This Fabry-Perot laser is offered in a coaxial single-mode fiber-coupled package, with integrated photodiode. The laser is mounted in a heat-sink bracket that allows

850 nm laser diode 40 mW to 250 mW fiber coupled

850 nm single mode fiber coupled laser diode offered as stock items or associated with a CW or pulsed Laser Diode Driver. DFB and Fabry Pérot models

#### Pulsed Laser Diodes at 850

Pulsed laser diodes (PLDs) are available in the wavelengths 850 nm, 905 nm and 1550 nm. All of our PLDs are developed and manufactured at our LASER COMPONENTS production facility in Canada.

#### Impulslaserdioden bei 850 nm

Unsere Impulslaserdioden (Pulsed laser diodes - PLDs) sind in den Wellenlängen 850 nm, 905 nm und 1550 nm erhältlich. Alle Impulslaserdioden werden in unserer LASER COMPONENTS

#### DOT LASER MODULES

LJ series (CW) LJ series laser diode modules, complete and ready to use, single element aspheric acrylic collimator optic, focusable, supply voltage 3-5 VDC, available wavelengths 635 nm, 650 nm,

850 nm laser diode

Laser diodes are classified based on continuous operation - Contact us for any special requests regarding classification or power limitation.

## Contact Us

For more information, pricing, or custom solutions, please contact us:

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