

[See all 13 Products in Family](#)

Coherent® Micro VLM™ Laser Diode 0221-153-00 | 4.0mW 670nm 85° Line

See More by [Coherent®](#)



Coherent® Micro VLM™ Laser Diode - Line Option

Stock #52-266 **11 In Stock**

MRP ₹23,258

1 Price inclusive of all taxes

ADD TO CART

Volume Pricing	
Qty 1+	₹23,258 each
Need More?	Request Quote

Note: This item requires accessories for use | [Learn More](#)

Product Downloads



General

Micro VLM **Type:**

Fully Shielded, Reverse Polarity Protected **Drive Circuitry:**

Diode **Type of Laser:**

Laser Class - CDRH:

Standard 9 V Battery: 5 **Operating Lifetime (hours):**

Physical & Mechanical Properties

+0/ - 0.0762 **Housing Tolerance (mm):**

15.00 **Pointing Accuracy (arcmin):**

0.375 **Diameter (inches):**

0.89 **Length (inches):**

1.00 **Line Width (mm):**

Optical Properties

670.00 **Wavelength (nm):**

±10 **Wavelength Tolerance (nm):**

0.2 - 0.3 **Wavelength Stability (nm/°C):**

<10 **Beam Astigmatism (µm):**

3.00 **Beam Diameter (mm):**

<1 transverse to line **Beam Divergence (mrad):**

Red **Color:**

85.00 **Fan Angle (°):**

Electrical

4 (Maximum) **Output Power (mW):**

±4 **Output Power Tolerance (%):**

ML Spec. Std. 1686B, Class 2 **ESD Protection:**

70.00 **Current (mA):**

Hardware & Interface Connectivity

Power Supply:
Power Supply Required and Sold Separately.
USA: [#59-099](#)
Europe: [#35-201](#)
Japan: [#59-099](#)
Korea: [#33-771](#)
China: [#59-099](#)

3 - 6 VDC **Power Requirement:**

36" Length, Red (+), Black (-), Case (+) **Electrical Leads/ Pin Connections:**

Free Space **Output Type:**

Environmental & Durability Factors

-10 to +40 **Operating Temperature (°C):**

-40 to +80 **Storage Temperature (°C):**

Regulatory Compliance

[Exempt](#) **RoHS 2015:**

[Contains SVHC\(s\)](#) **Reach 224:**

[View](#) **Certificate of Conformance:**

Thailand **Country of Origin:**

Edmund Optics India Private Limited
267, Greystone Building, Second Floor, **Imported By:**

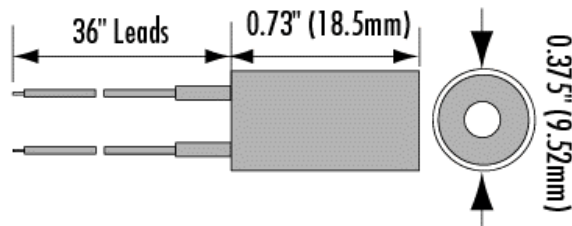
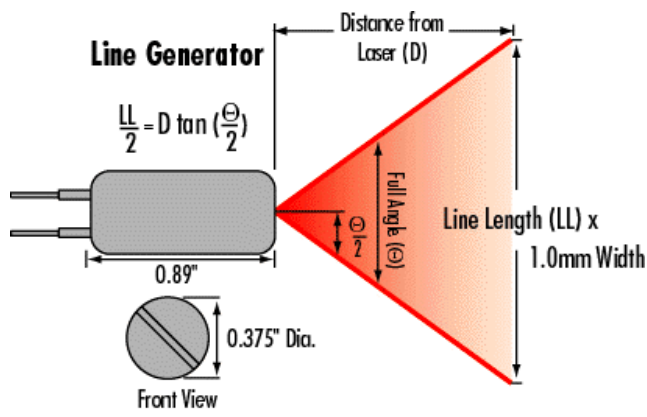
Product Details

- Robust, High Quality Laser Diodes with Small Form Factor
- 635nm and 670nm High Visibility Wavelengths
- Sophisticated Electronic Design for Consistent Beam Properties

Coherent® Visible Laser Diode Modules feature a compact form factor to help users achieve space saving designs in systems that require a collimated light source. The simple design of these laser diodes allows for quick and efficient incorporation into a wide array of optical systems. A sophisticated electronic design aids in producing consistent laser power and beams. Coherent® Visible Laser Diode Modules with advanced AlignLock™ optical assembly technology provide a remarkable beam-pointing alignment of <math><4.3\text{mrad}</math>, making these laser diodes a great choice for precision applications. These robust, compact laser diodes are typically used in machine vision, medical equipment, and many other industrial applications.

Note: Power Supply, sold separately, is required for operation.

Technical Information



VLM™ High Quality Laser Diode Module - Micro Series