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# Coherent® Micro VLM™ Laser Diode 0220-970-00 | 0.95mW 670nm

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Coherent® Micro VLM™ Laser Diode

Stock **#52-263** [CONTACT US](#)

- 1 + MRP ₹16,567

**1** Price inclusive of all taxes

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Volume Pricing	
Qty 1+	₹16,567 each
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**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

Housing Tolerance (mm):  
+0/ - 0.0762

Pointing Accuracy (arcmin):  
15.00

Diameter (inches):  
0.375

Length (inches):  
0.73

## Optical Properties

Wavelength (nm):  
670.00

Wavelength Tolerance (nm):  
±10

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

Beam Astigmatism (µm):  
<10

Beam Diameter (mm):  
4 x 1

Beam Divergence (mrad):  
0.3 x 1.2

Color:  
Red

## Electrical

Output Power (mW):  
0.95 (Maximum)

Output Power Tolerance (%):  
±4

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

Current (mA):  
70.00

## 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](#)

Power Requirement:  
3 - 6 VDC

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

Output Type:  
Free Space

## Environmental & Durability Factors

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

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

## Regulatory Compliance

RoHS 2015:  
[Exempt](#)

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

Certificate of Conformance:  
[View](#)

Country of Origin:  
Thailand

Imported By:  
Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
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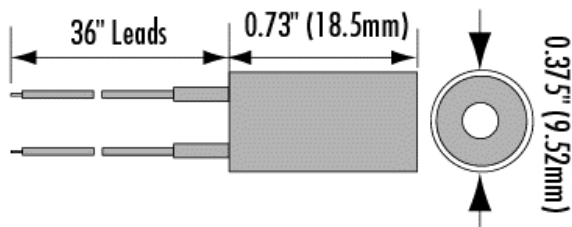
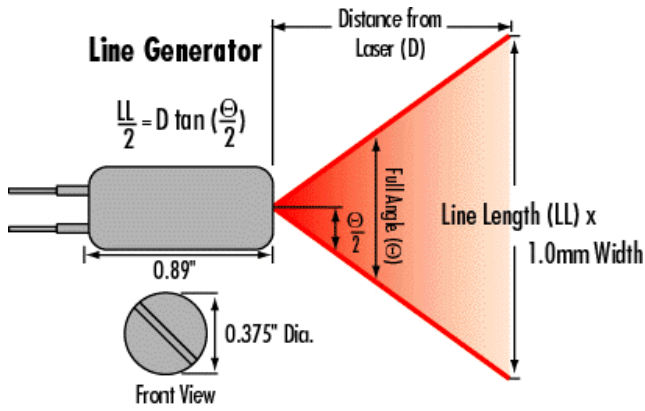
## Product Details

- 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