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Coherent® Micro VLM™ Laser Diode 0220-969-00 | 2.5mW 670nm

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Coherent® Micro VLM™ Laser Diode

Stock **#52-264** **14 In Stock**

-

1

+

₹19,170

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

Product Downloads



General

Type:

Micro VLM

Drive Circuitry:

Fully Shielded, Reverse Polarity Protected

Type of Laser:

Diode

Laser Class - CDRH:

IIIa

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):	
0.73	Length (inches):	
Optical Properties		
670.00	Wavelength (nm):	
±10	Wavelength Tolerance (nm):	
0.2 - 0.3	Wavelength Stability (nm/°C):	
<10	Beam Astigmatism (μm):	
4 x 1	Beam Diameter (mm):	
0.3 x 1.2	Beam Divergence (mrad):	
Red	Color:	
Electrical		
2.5 (Maximum)	Output Power (mW):	
±4	Output Power Tolerance (%):	
MIL 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:	
Electrical Leads/ Pin Connections: 36" Length, Red (+), Black (-), Case (+)		
Free Space	Output Type:	
Environmental & Durability Factors		
-10 to +40	Operating Temperature (°C):	
-40 to +80	Storage Temperature (°C):	
Regulatory Compliance		
Compliant	RoHS 2015:	
View	Certificate of Conformance:	
Thailand	Country of Origin:	
Edmund Optics India Private Limited	Imported By:	

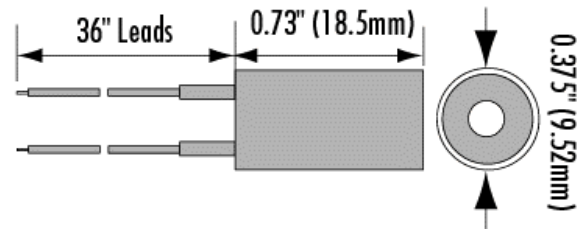
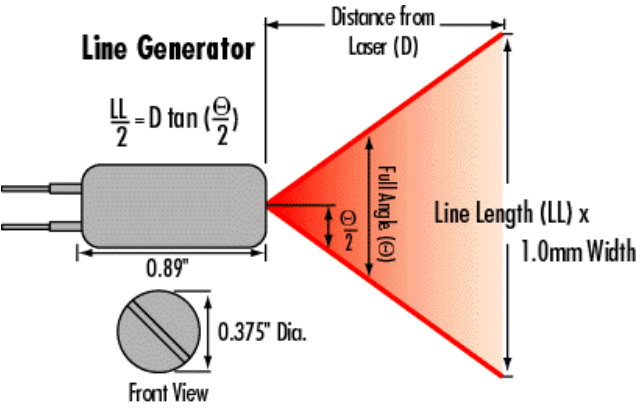
Product Details

- 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 <4.3mrad, 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