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Coherent® Micro VLM™ Laser Diode 0220-968-00 | 4.2mW 670nm

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Coherent® Micro VLM™ Laser Diode

Stock #52-265 **2 In Stock**

⊖ 1 ⊕ £150⁴⁰

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Volume Pricing	
Qty 1+	£150.40 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:**

IIIa	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):
0.73	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	
4.2 (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	
Compliant	RoHS 2015:
View	Certificate of Conformance:

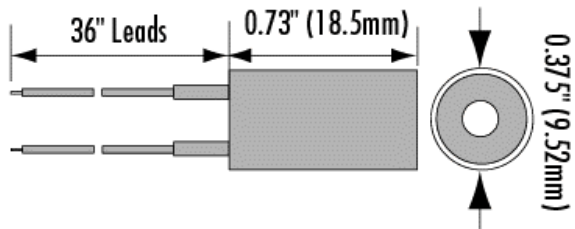
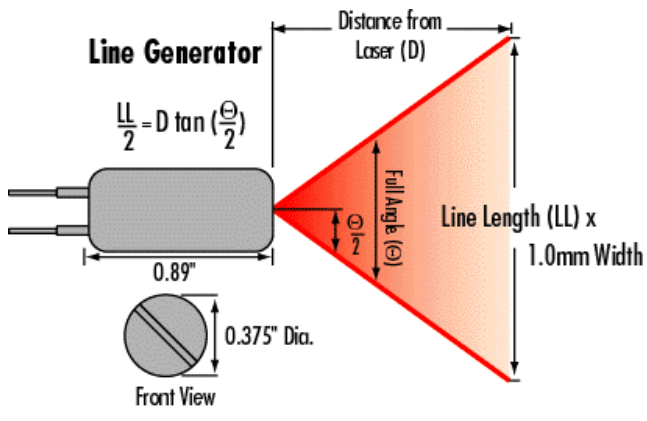
Product Details

- 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