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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 ⊕ £169⁶⁰

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| Volume Pricing | |
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| Qty 1+ | £169.60 each |
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ⓘ Prices shown are exclusive of VAT/local taxes

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 | |
| 2.5 (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: |
| 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: |

Product Details

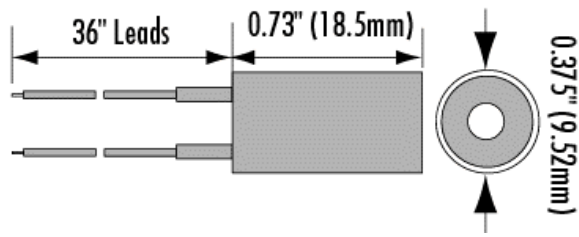
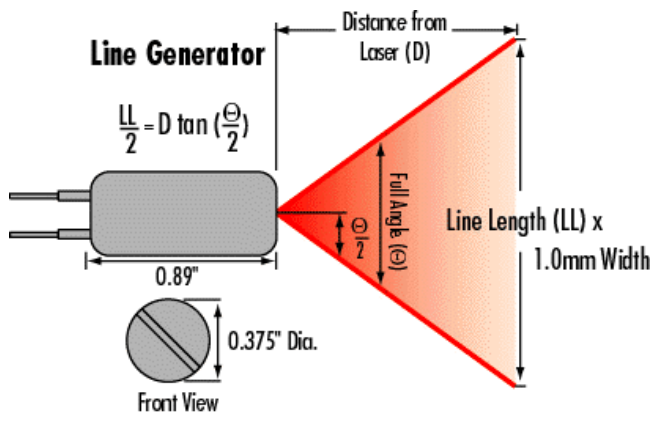
- Robust, High Quality Laser Diodes with Small Form Factor
- 635nm and 670nm High Visibility Wavelengths
- Sophisticated Electronic Design for Consistent Beam Properties

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