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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** **5 In Stock**

-

1

+

£150^{.40}

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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

Type:

Micro VLM

Drive Circuitry:

Fully Shielded, Reverse Polarity Protected

Type of Laser:

Diode

IIIa		Laser Class - CDRH:	
Operating Lifetime (hours):			
Standard 9 V Battery: 5			
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):			
4.2 (Maximum)			
Output Power Tolerance (%):			
±4			
ESD Protection:			
MIL 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:			
Compliant			
Certificate of Conformance:			
View			

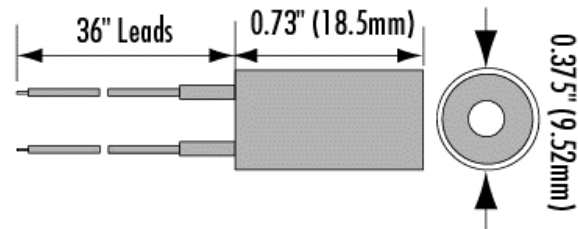
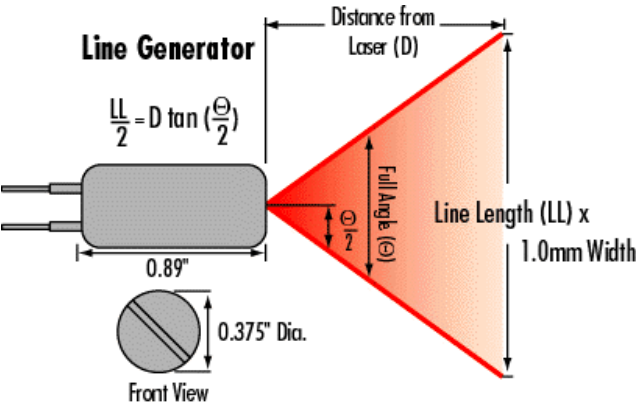
Product Details

- 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