

[See all 13 Products in Family](#)

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

See More by [Coherent®](#)



Coherent® Micro VLM™ Laser Diode

Stock **#52-265** **5 In Stock**

-

1

+

€188^{.00}

ADD TO CART

Volume Pricing	
Qty 1+	€188,00 each
Need More?	Request Quote

i Prices shown are exclusive of VAT/local taxes

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		

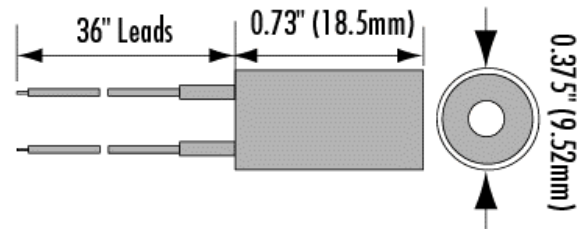
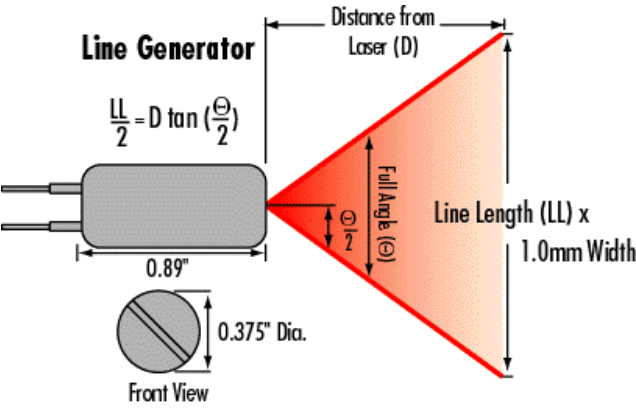
Product Details

- 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