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Coherent® Micro VLM™ Laser Diode 0221-154-00 | 3.5mW 670nm 60° Line

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Coherent® Micro VLM™ Laser Diode - Line Option

Stock **#52-267** **3 In Stock**

-

1

+

C\$306^{.60}

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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:

II

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):
0.89		Length (inches):
1.00		Line Width (mm):
Optical Properties		
670.00		Wavelength (nm):
±10		Wavelength Tolerance (nm):
0.2 - 0.3		Wavelength Stability (nm/°C):
<10		Beam Astigmatism (µm):
3.00		Beam Diameter (mm):
<1 transverse to line		Beam Divergence (mrad):
Red		Color:
60.00		Fan Angle (°):
Electrical		
3.5 (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 Required and Sold Separately. USA: #59-099 Europe: #35-201 Japan: #59-099 Korea: #33-771 China: #59-099		Power Supply:
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		
Exempt		RoHS 2015:
Contains SVHC(s)		Reach 224:
View		Certificate of Conformance:

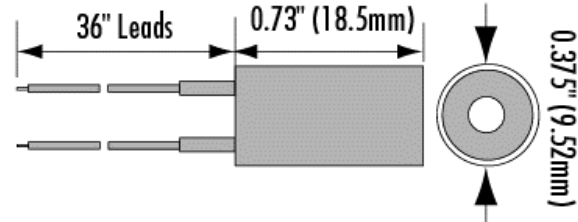
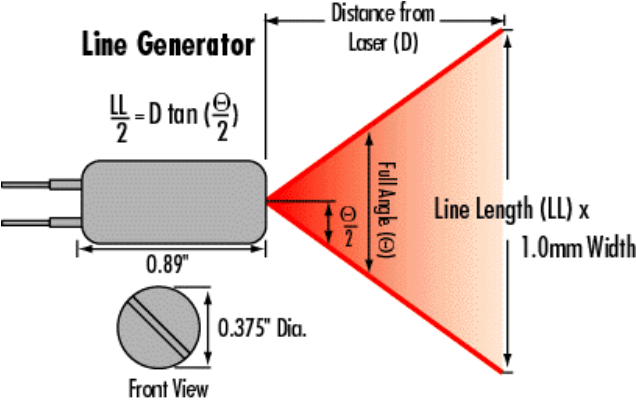
Product Details

- 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. As 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