

Coherent® Micro VLM™ Laser Diode 0221-153-00 | 4.0mW 670nm 85° Line

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Coherent® Micro VLM™ Laser Diode - Line Option

Stock **#52-266** 11 In Stock

-

1

+

£191^{.89}

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Volume Pricing	
Qty 1+	£191.89 each
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Note: This item requires accessories for use | [Learn More](#)

Product Downloads



SPECIFICATIONS

General

Micro VLM

Type:

Drive Circuitry: Fully Shielded, Reverse Polarity Protected	
Diode	Type of Laser:
II	Laser Class - CDRH:
Operating Lifetime (hours): Standard 9 V Battery: 5	
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:
85.00	Fan Angle (°):
Electrical	
4 (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	
Exempt	RoHS 2015:
Contains SVHC(s)	Reach 224:
View	Certificate of Conformance:

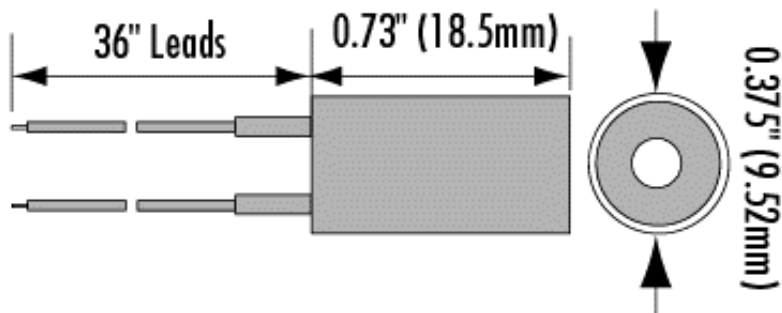
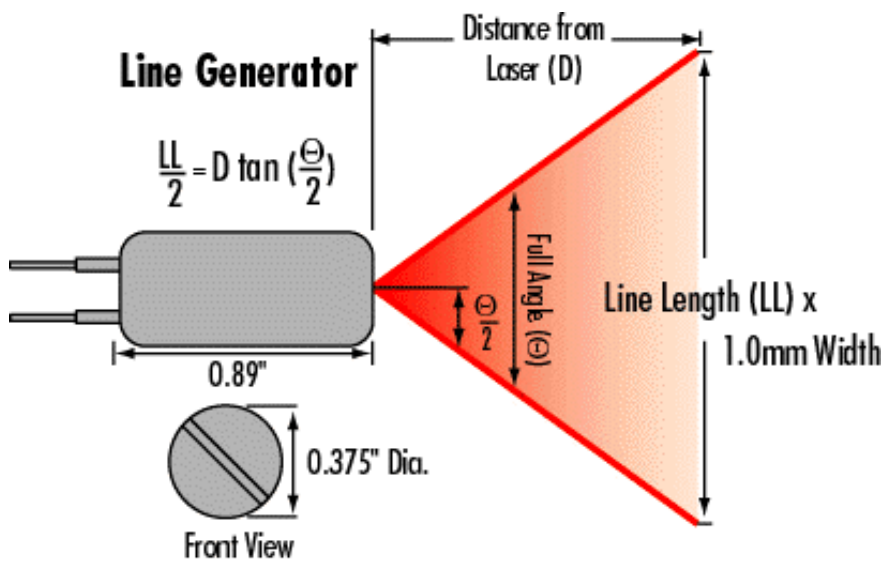
PRODUCT DETAILS

- 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. 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