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Coherent® Micro VLM™ Laser Diode 0220-970-00 | 0.95mW 670nm

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Coherent® Micro VLM™ Laser Diode

Stock **#52-263** 10 In Stock

-

1

+

C\$218^{.40}

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Qty 1+	C\$218.40 each
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Note: This item requires accessories for use | [Learn More](#)

Product Downloads



General

Micro VLM

Type:

Drive Circuitry:
Fully Shielded, Reverse Polarity Protected

Type of Laser:
Diode

Laser Class - CDRH:
II

	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):
0.95 (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:
Exempt	
	Reach 224:
Contains SVHC(s)	
	Certificate of Conformance:
View	

Product Details

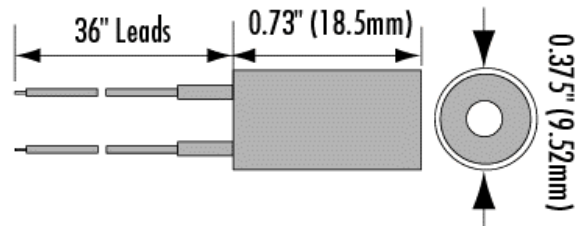
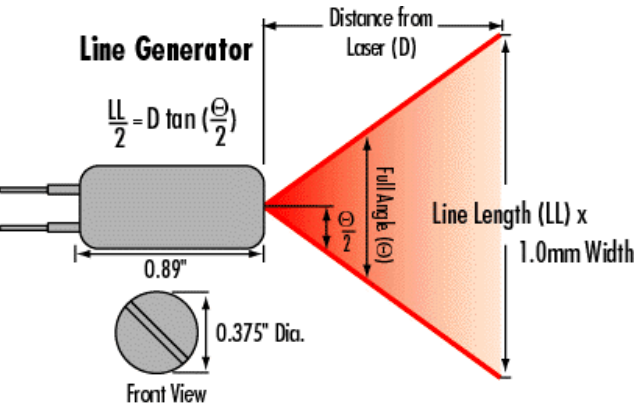
- Robust, High Quality Laser Diodes with Small Form Factor
- 635nm and 670nm High Visibility Wavelengths
- Sophisticated Electronic Design for Consistent Beam Properties

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