

[See all 14 Products in Family](#)

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

See More by [Coherent®](#)



Coherent® Micro VLM™ Laser Diode - Line Option

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

-

1

+

C\$306^{.60}

ADD TO CART

Volume Pricing	
Qty 1+	C\$306.60 each
Need More?	Request Quote

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:	
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 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:	

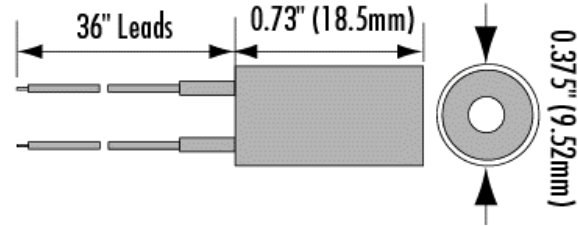
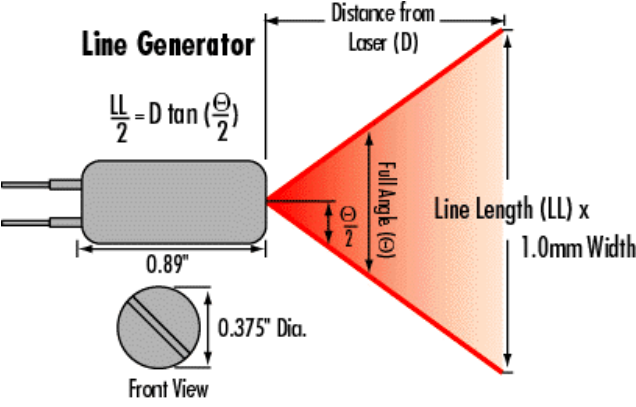
Product Details

- 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