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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

+

£175^{.20}

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Volume Pricing	
Qty 1+	£175.20 each
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i Prices shown are exclusive of VAT/local taxes

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:

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):	
0.89	
Line Width (mm):	
1.00	
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):	
3.00	
Beam Divergence (mrad):	
<1 transverse to line	
Color:	
Red	
Fan Angle (°):	
85.00	
Electrical	
Output Power (mW):	
4 (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	

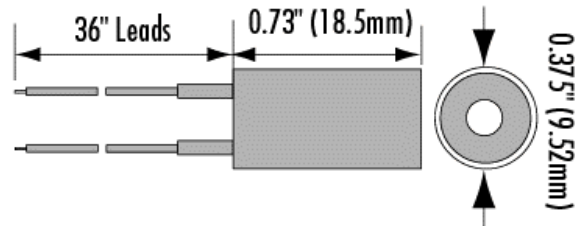
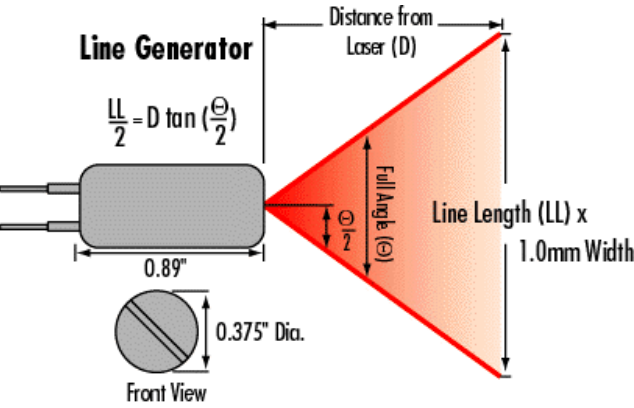
Product Details

- 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