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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 [CONTACT US](#)

⊖ 1 ⊕ A\$249⁰⁰

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Volume Pricing	
Qty 1+	A\$249.60 each
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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):

0.73
Length (inches):

Optical Properties

670.00
Wavelength (nm):

±10
Wavelength Tolerance (nm):

0.2 - 0.3
Wavelength Stability (nm/°C):

<10
Beam Astigmatism (µm):

4 x 1
Beam Diameter (mm):

0.3 x 1.2
Beam Divergence (mrad):

Red
Color:

Electrical

0.95 (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:

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

