

Coherent® VLM™ Laser Diode 0220-923-00 | 0.6mW 635nm

See More by [Coherent®](#)



Coherent® VLM™ Laser Diode

Stock #54-032 3-5 DAYS

-

1

+

A\$400.00

ADD TO CART

Qty 1+

A\$400.00

Volume Pricing

[Request Quote](#)

**Note:** This item requires accessories for use | [Learn More](#)

Get Product Downloads



**Operating Temperature (°C):**  
-10 to +40

**Output Power (mW):**  
0.6 (Maximum)

**Type:**  
Index Guided Diode, CW

**Wavelength (nm):**

|                                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 635.00                                                                                                                                                                                                                                      |
| <b>Weight (g):</b><br>20.00                                                                                                                                                                                                                 |
| <b>Wavelength Tolerance (nm):</b><br>±5                                                                                                                                                                                                     |
| <b>Output Power Tolerance (%):</b><br>±4                                                                                                                                                                                                    |
| <b>Power Supply:</b><br>Power Supply Required and Sold Separately.<br>USA: <a href="#">#59-099</a><br>Europe: <a href="#">#35-201</a><br>Japan: <a href="#">#59-099</a><br>Korea: <a href="#">#33-771</a><br>China: <a href="#">#59-099</a> |
| <b>Storage Temperature (°C):</b><br>-40 to +80                                                                                                                                                                                              |
| <b>Power Requirement:</b><br>5-10VDC                                                                                                                                                                                                        |
| <b>Wavelength Stability (nm/°C):</b><br>0.2 - 0.3                                                                                                                                                                                           |
| <b>Housing Tolerance (mm):</b><br>+0, -0.0762                                                                                                                                                                                               |
| <b>Drive Circuitry:</b><br>Fully shielded, reverse polarity protected                                                                                                                                                                       |
| <b>Electrical Leads/ Pin Connections:</b><br>red (+), black (-), case (+)                                                                                                                                                                   |
| <b>Length of Leads (mm):</b><br>914.4                                                                                                                                                                                                       |
| <b>Beam Astigmatism (μm):</b><br><10                                                                                                                                                                                                        |
| <b>ESD Protection:</b><br>ML Spec. Std. 1686B, Class 2                                                                                                                                                                                      |
| <b>Diode Lifetime (hours):</b><br>100000.00                                                                                                                                                                                                 |
| <b>Pointing Accuracy (arcmin):</b><br>15.00                                                                                                                                                                                                 |
| <b>Beam Diameter (mm):</b><br>3.0                                                                                                                                                                                                           |
| <b>Output Type:</b><br>Free Space                                                                                                                                                                                                           |
| <b>Type of Laser:</b><br>Diode                                                                                                                                                                                                              |
| <b>Beam Divergence (mrad):</b><br>0.35                                                                                                                                                                                                      |
| <b>Laser Class - CDRH:</b><br>II                                                                                                                                                                                                            |
| <b>Color:</b><br>Red                                                                                                                                                                                                                        |
| <b>Current (mA):</b><br>80 Typical, 100 Maximum                                                                                                                                                                                             |
| <b>Diameter (inches):</b><br>0.581                                                                                                                                                                                                          |
| <b>Operating Lifetime (hours):</b><br>Standard 9V Battery: 5                                                                                                                                                                                |
| <b>Length (inches):</b><br>1.776                                                                                                                                                                                                            |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Exempt</a>                |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |