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# Coherent® VHK™ Circular Beam Visible Laser Diode 0221-700-01 | 4.9mW 635nm

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Coherent® VHK™ Circular Beam Visible Laser Diode

Stock #54-025 **20+ In Stock**

⊖ 1 ⊕ **S\$980<sup>00</sup>**

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Volume Pricing	
Qty 1+	S\$980.00 each
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**Note:** This item requires accessories for use | [Learn More](#)

Product Downloads



**General**

Diode **Type of Laser:**  
IIIa **Laser Class - CDRH:**

**Physical & Mechanical Properties**

<4 **Pointing Accuracy (mrad):**

0.580 Diameter (inches):

1.32 Length (inches):

### Optical Properties

635.00 Wavelength (nm):

1.1 @ module face Beam Diameter (mm):

0.70 Beam Divergence (mrad):

Red Color:

### Electrical

4.9 Output Power (mW):

60/70 (Typical/Maximum) 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](#)

5-10VDC Power Requirement:

red (+), black (-), case (+) Electrical Leads/ Pin Connections:

Free Space Output Type:

5-10 DC Input Voltage (V):

### Environmental & Durability Factors

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

-40 to +80 Storage Temperature (°C):

### Regulatory Compliance

[Exempt](#) RoHS 2015:

[View](#) Certificate of Conformance:

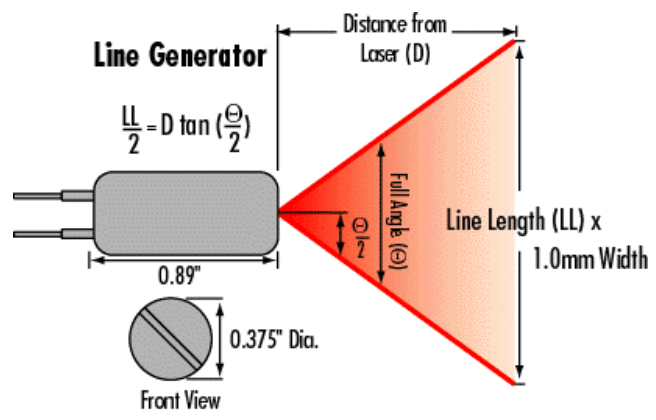
## Product Details

- 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. 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



VLM™ High Quality Laser Diode Modules