

[See all 13 Products in Family](#)

# Coherent® VHK™ Circular Beam Visible Laser Diode 0221-699-01 | 3.0mW 635nm

See More by [Coherent®](#)



Coherent® VHK™ Circular Beam Visible Laser Diode

Stock **#54-024** 10 In Stock

-

1

+

€630<sup>,00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1+         | €630,00 each                  |
| Need More?     | <a href="#">Request Quote</a> |

 Prices shown are exclusive of VAT/local taxes

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

Product Downloads



General

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

Physical & Mechanical Properties

Pointing Accuracy (mrad):

|                                                                                                                                                                                                                                      |                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| <4                                                                                                                                                                                                                                   |                                    |
| 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                                                                                                                                                                                                                           |                                    |
| 3                                                                                                                                                                                                                                    | Output Power (mW):                 |
| 60/70 (Typical/Maximum)                                                                                                                                                                                                              | Current (mA):                      |
| Hardware & Interface Connectivity                                                                                                                                                                                                    |                                    |
| Power Supply:<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> |                                    |
| 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                                                                                                                                                                                                                |                                    |
| <a href="#">Exempt</a>                                                                                                                                                                                                               | RoHS 2015:                         |
| <a href="#">View</a>                                                                                                                                                                                                                 | Certificate of Conformance:        |

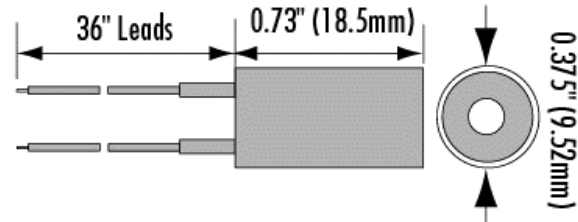
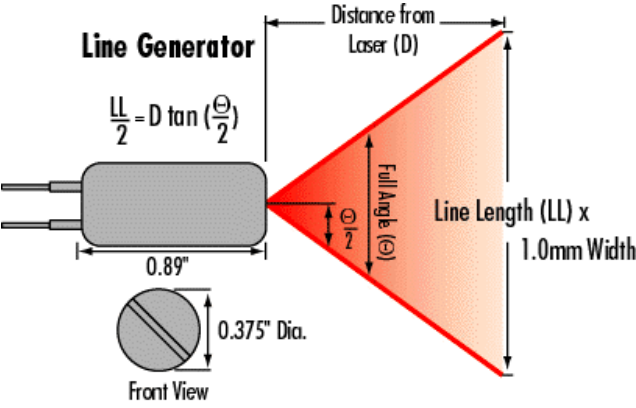
## Product Details

- Robust, High Quality Laser Diodes with Small Form Factor
- 635nm and 670nm High Visibility Wavelengths
- Sophisticated Electronic Design for Consistent Beam Properties

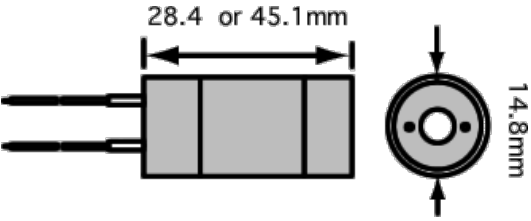
Coherent® Visible Laser Diode Modules feature a compact form factor to help users achieve space saving designs in systems that require a collimated light source. The simple design of these laser diodes allows for quick and efficient incorporation into a wide array of optical systems. A sophisticated 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