

[See all 13 Products in Family](#)

Coherent® VHK™ Circular Beam Visible Laser Diode 0221-831-00 | 4.9mW 670nm

See More by [Coherent®](#)



Coherent® VHK™ Circular Beam Visible Laser Diode

Stock **#54-021** 20+ In Stock

-

1

+

A\$1,120^{.00}

ADD TO CART

Volume Pricing	
Qty 1+	A\$1,120.00 each
Need More?	Request Quote

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	
670.00	Wavelength (nm):
1.1 @ module face	Beam Diameter (mm):
0.70	Beam Divergence (mrad):
Red	Color:
Electrical	
4.9	Output Power (mW):
60/90 (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:

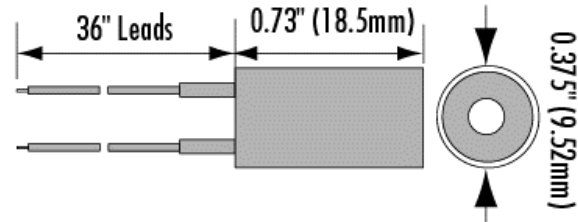
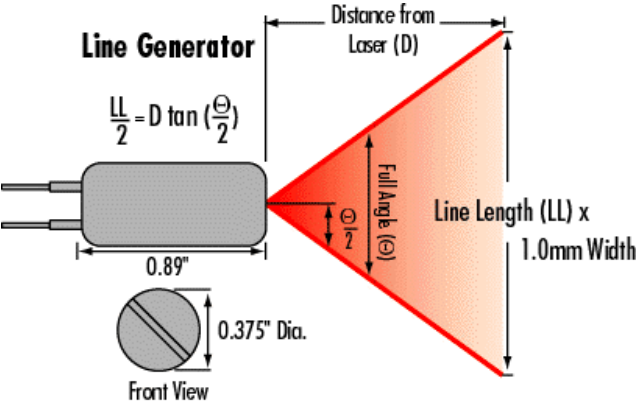
Product Details

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

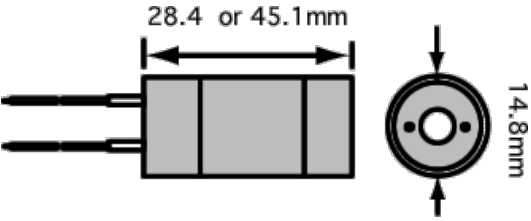
Coherent® Visible Laser Diode Modules feature a compact form factor to help users achieve space saving designs in systems that require a collimated light source. The simple design of these laser diodes allows for quick and efficient incorporation into a wide array of optical systems. A sophisticated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