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

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Coherent® VHK™ Circular Beam Visible Laser Diode

Stock #54-021 [CONTACT US](#)

- 1 + C\$980.⁰⁰

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Volume Pricing	
Qty 1+	C\$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	
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:
Electrical Leads/ Pin Connections: red (+), black (-), case (+)	
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:

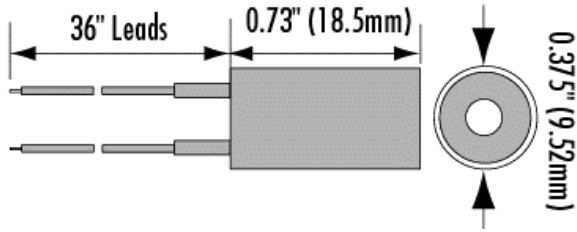
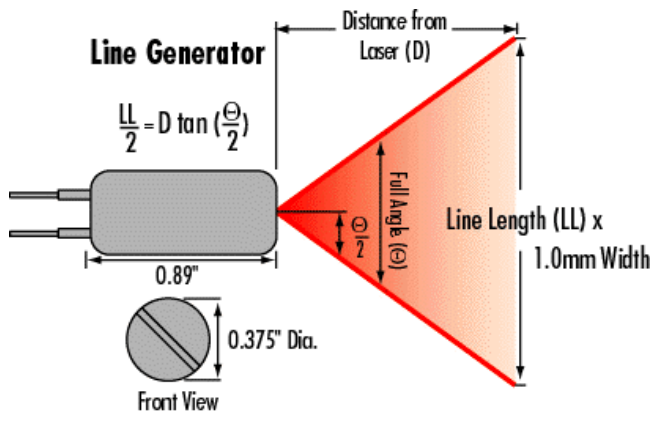
Product Details

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

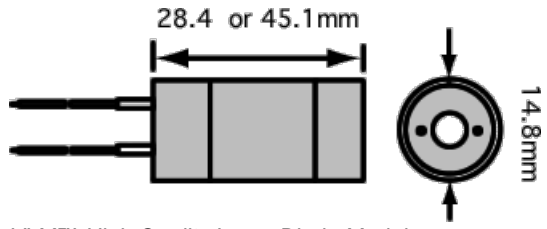
Coherent® Visible Laser Diode Modules feature a compact form factor to help users achieve space saving designs in systems that require a collimated light source. The simple design of these laser diodes allows for quick and efficient incorporation into a wide array of optical systems. A sophisticated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