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5mW, 30° Gaussian Line, Harsh Environment Green Diode



Stock **#63-875** [CONTACT US](#)

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1

+

A\$1,192⁰⁰

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

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General

	Laser Class - IEC:
2M	
	Mean Time To Failures MTTF @ 25° (hours):
>10,000	
	Type of Laser:
Diode	

Laser Class - CDRH:	
IIIa	
Physical & Mechanical Properties	
Dimensions (mm):	
20 Dia. x 136 L	
Weight (g):	
87.00	
Housing Length (mm):	
136.00	
Housing Diameter (mm):	
20.00	
Optical Properties	
Wavelength (nm):	
532.00	
Beam Diameter (mm):	
5.00	
Beam Divergence (mrad):	
<1 without Line Optics	
Color:	
Green	
Fan Angle (°):	
30.00	
Focus Range (mm):	
200mm to Collimation	
Electrical	
Output Power (mW):	
5	
Power Stability (%):	
±5%	
Hardware & Interface Connectivity	
Output Type:	
Free Space	
Connector:	
4 Pins, M12	
Input Voltage (V):	
5 - 30 DC	
Environmental & Durability Factors	
Operating Temperature (°C):	
0 to +35	
Storage Temperature (°C):	
-10 to +80	
Regulatory Compliance	
Certificate of Conformance:	
View	

Product Details

- IP67 Rated Environmentally Sealed with Simple Thread Mount
- Electrically Isolated Housing
- Focusable with Gaussian and Uniform Line Options
- 5-30VDC Operation with Reverse Polarity Protection

Z-Laser Green Focusable Diode Modules are a high end, versatile green laser allowing wide voltage operation range with protection against surges, spikes and over voltage. This laser is available with Gaussian or Uniform line optics and is also available with simple spot output. Focusing can be achieved via the external focus mechanism, which does not interfere with the beam output. Z-Laser Green Focusable Diode Modules' electrical connections are made via an M12 connection with mounting available via an M18 threading. Application areas for these modules include machine vision, various materials processing, medical science and the automotive industry. [Mounting Accessories](#) and [Power Supply](#) also available.