

40mW, 90° Gaussian Line, Harsh Environment Green Diode



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+

₹95,850

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

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SPECIFICATIONS

General

Laser Class - IEC:

Mean Time To Failures MTTF @ 25° (hours): >10,000	
Diode	Type of Laser:
IIIb	Laser Class - CDRH:
Physical & Mechanical Properties	
20 Dia. x 136 L	Dimensions (mm):
87.00	Weight (g):
136.00	Housing Length (mm):
20.00	Housing Diameter (mm):
Optical Properties	
532.00	Wavelength (nm):
5.00	Beam Diameter (mm):
<1 without Line Optics	Beam Divergence (mrad):
Green	Color:
90.00	Fan Angle (°):
200mm to Collimation	Focus Range:
Electrical	
40	Output Power (mW):
±5%	Power Stability (%):
Hardware & Interface Connectivity	
Free Space	Output Type:
4 Pins, M12	Connector:
5 - 30 DC	Input Voltage (V):
Environmental & Durability Factors	
0 to +35	Operating Temperature (°C):
-10 to +80	Storage Temperature (°C):
Regulatory Compliance	
Compliant	RoHS:
View	Certificate of Conformance:

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.