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5mW, Harsh Environment Green Diode

Stock **#63-873** **1 In Stock**

- 1 + **£576**.00

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Qty 1+	**£576.00** each
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Note: This item requires accessories for use | Learn More

Product Downloads

General

Laser Class - IEC:
3R

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

Color:
Green

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
- 5-30V DC 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.

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