

20mW, Harsh Environment Green Diode



Stock **#64-824** [CONTACT US](#)

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1

+

£720⁰⁰

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Volume Pricing	
Qty 1+	£720.00 each
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Note: This item requires accessories for use | [Learn More](#)

Product Downloads



General

Laser Class - IEC:

3B

Mean Time To Failures MTTF @ 25° (hours):

>10,000

Type of Laser:

Diode

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		Beam Divergence (mrad):	
Green		Color:	
200mm to Collimation		Focus Range (mm):	
Electrical			
20		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			
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.