

[See all 17 Products in Family](#)

20mW, 30° Gaussian Line, Harsh Environment Green Diode



Stock **#64-828** **2 In Stock**

-

1

+

MRP ₹1,00,890

Price inclusive of all taxes

ADD TO CART

Volume Pricing	
Qty 1+	₹1,00,890 each
Need More?	Request Quote

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

Product Downloads

General	
3B	Laser Class - IEC:
>10,000	Mean Time To Failures MTTF @ 25° (hours):
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:
30.00	Fan Angle (°):
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:
Germany	Country of Origin:
Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	Imported By:

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.