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High Gain, Premier Laser Diode Detector

Premier Laser Diode Detector

Stock **#58-764** **2 In Stock**

- 1 + **C$182.00**

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Volume Pricing	
Qty 1-9	**C$182.00** each
Qty 10+	**C$172.90** each
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Note: This item requires accessories for use | Learn More

Product Downloads

General

Type:
High Gain

Physical & Mechanical Properties

Diameter (mm):
15.00

Length (mm):
54.50

Weight (g):
50.00

Construction:
Anodized Aluminum

Optical Properties

Relative Ambient Light Rejection (dB):
10.00

Electrical

AC & DC S/N Ratio for 1mW Input (dB):
>60

AC Output Frequency Response (kHz):
>100

AC Output Sensitivity @ 650nm (V/mW):
10.00

Current (mA):
<20

Voltage (V):
5 - 10 DC

Hardware & Interface Connectivity

Connector:
4 pin JST

Power Supply:
Power Supply Required and Sold Separately:
USA: **#59-099**
Europe: Not Available
Japan: **#59-099**
Korea: Not Available
China: **#59-099**

Electrical Leads/ Pin Connections:
4 input/output leads

Environmental & Durability Factors

Operating Temperature (°C):
-10 to +70

Operating Humidity:
90% RH

Storage Temperature (°C):
-40 to +85

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 240:
Compliant

Product Details

- Designed for Use with the **Premier Laser Diodes**
- Wide Acceptance Angle
- Ideal for Particle Detection and Densitometry

Designed for use with the **Premier Laser Diodes**, these detectors have a wide acceptance angle of 160 degrees and an amplification system, which makes them very versatile for indoor and outdoor applications. Condition monitoring such as fog and smoke, particle detection and densitometry are a few uses for the detector. The optional mount is a heavy duty clamp with a series of threaded holes for versatile integration at any angle. There is also a removable cover which exposes an M12 screw thread used for mounting.

A power supply, sold separately, is required for operation. We recommend **#59-099** 5V Universal Power Supply.

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