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# Coherent® EnergyMax 1110576 | 250µJ-500mJ, DB25

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Coherent® EnergyMax Laser Energy Sensors

Stock #12-389 **1 In Stock**

MRP ₹2,07,090

**1** Price inclusive of all taxes

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Qty 1+	₹2,07,090 each
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## Product Downloads

### General

**Model Number:**  
 J-50MB-LE  
 Coherent Part Number: 1110576

**Type:**  
[Meter required](#)

**Linearity (%):**  
 ±3

**Calibration Uncertainty (%):**  
 ±2

Noise Equivalent Energy ( $\mu\text{J}$ ):

<8

Compatible Meters:

[#88-412](#) or [#35-203](#)

Maximum Incident Energy Density:  
500mJ/cm<sup>2</sup> (10ns, 1064nm)

Energy Range:  
250 $\mu\text{J}$  - 500mJ

Preferred Meter:

[#66-277](#)

## Physical & Mechanical Properties

Active Area Diameter (mm):  
50

## Optical Properties

Calibration Wavelength (nm):  
1064

Maximum Pulse Width ( $\mu\text{s}$ ):  
57

Wavelength Range (nm):  
190 - 12000

## Sensor

Type of Sensor:  
Pyroelectric

## Electrical

Maximum Repetition Rate (pps):  
300

Maximum Incident Beam Power (W):  
10

## Hardware & Interface Connectivity

Connector:  
DB25

Length of Cable (m):  
2.5

## Regulatory Compliance

RoHS 2015:  
[Exempt](#)

Reach 224:  
[Contains SVHC\(s\)](#)

Certificate of Conformance:  
[View](#)

Country of Origin:  
United States

Imported By:  
Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
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## Product Details

- ISO 17025 Certified
- Embedded Spectral Compensation Characteristics
- Automatic Temperature Compensation

Coherent® EnergyMax Laser Energy Sensors are designed for a variety of demanding laser measurement applications. These energy sensors, available in meter or meterless USB configurations, incorporate a diffuse coating to minimize specular reflection and feature large active areas. The J-50MB-YAG combines the MaxBlack coating with a diffuser for use with high energy lasers of up to 3J. Coherent® EnergyMax Laser Energy Sensors utilize onboard sensors to automate temperature compensation for improved measurement accuracy.