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Coherent® EnergyMax 1191437 | Nd:YAG Sensor, 2.4mJ-3J, USB

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Coherent® EnergyMax Laser Energy Sensors

Stock **#88-421** CONTACT US

- 1 + MRP ₹3,39,840

Price inclusive of all taxes

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Qty 1+	**₹3,39,840** each
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General

Model Number:
J-50MB-YAG
Coherent Part Number: 1191437

Type:
Meterless

Linearity (%):
±3

Calibration Uncertainty (%):
±2

Noise Equivalent Energy (µJ):
<240

Maximum Incident Energy Density:
14J/cm^2 (10ns, 1064nm)
2.8J/cm^2 (10ns, 532nm)
0.75J/cm^2 (10ns, 355nm)
1.0J/cm^2 (10ns, 266nm)

Energy Range:
2.4mJ - 3J

Physical & Mechanical Properties

Active Area Diameter (mm):
35

Optical Properties

Calibration Wavelength (nm):
1064

Maximum Pulse Width (µs):
340

Wavelength Range (nm):
266 - 2100

Sensor

Type of Sensor:
Pyroelectric

Electrical

Maximum Repetition Rate (pps):
50

Maximum Incident Beam Power (W):
20

Hardware & Interface Connectivity

Connector:
USB

Length of Cable (m):
3.0

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,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

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.

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