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0.19 - 20µm, 3W, Thermopile Power Detector

0.19 - 20µm, 3W, Thermopile Power Detector

Stock **#78-464** NEW **1 In Stock**

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S$2,961.00

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Qty 1-4	**S$2,961.00** each
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Maximum Incident Energy Density (J/cm^2, 10ns Pulses):
1

General

Model Number:
XLP12-3S-H2-INT-D0

Cooling Method:
Convection

Compatible Meters:
Integra (Integrated)

Physical & Mechanical Properties

Dimensions (mm):
73 x 73 x 20

Weight (g):
310

Weight (kg):
0.31

Active Area (mm):
12

Optical Properties

Wavelength Range (nm):
190 - 20000

Wavelength Range (µm):
0.19 - 20

Sensor

Type of Sensor:
Thermopile

Electrical

Maximum Incident Beam Power (mW):
3,000

Maximum Incident Beam Power (W):
3

Maximum Incident Power Density (W/cm^2):
1,000

Maximum Incident Power Density (kW/cm^2):
1

Noise Level:
0.5 µW

Regulatory Compliance

Certificate of Conformance:
View

Product Details

- Photodetectors, Thermopiles, and Pyroelectric Detectors Available
- Various Active Area Sizes Across a Wide Range of Sensitivities
- **Meterless** and **Wireless** Detectors Also Available

Gentec-EO Integra USB Power and Energy Detectors combine a power meter and detector in one convenient package while providing fast response times and accurate measurements for beam analysis. These detectors are designed with a USB connector for easy connection to a PC or other acquisition system and include user-friendly software allowing for control via PC or serial commands. Versatile pyroelectric energy detectors with broadband coatings are optimized for low to high power densities. Gentec-EO Integra USB Power and Energy Detectors can be used with a variety of laser powers ranging from the nanowatts to multi-kilowatts. These detectors are ideal for laser energy measurement, thermal imaging, and remote sensing applications.

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