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0.19 - 20µm, 300W, Thermopile Power & Energy Detector

0.19 - 20µm, 300W, Thermopile Power & Energy Detector

Stock **#78-467** **1 In Stock**

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Volume Pricing	
Qty 1-4	**£2,312.00** each
Qty 5+	**£2,080.00** each
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Product Downloads

General

Model Number:
UP55N-300F-H12-INT-D0 (US)

Cooling Method:
Fan Cooled

Compatible Meters:
Integra (Integrated)

Physical & Mechanical Properties

Dimensions (mm):
89 x 89 x 116

Weight (g):
1,410

Weight (kg):
1.41

Active Area (mm):
55

Optical Properties

Wavelength Range (nm):
190 - 20000

Wavelength Range (µm):
0.19 - 20

Sensor

Type of Sensor:
Thermopile

Electrical

Maximum Incident Beam Power (mW):
300,000

Maximum Incident Beam Power (W):
300

Maximum Incident Power Density (W/cm^2):
45,000

Maximum Incident Power Density (kW/cm^2):
45

Maximum Incident Energy Density (J/cm^2, 10ns Pulses):
1

Noise Level:
15 mW

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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