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0.19 - 20µm, 110W, Thermopile Power & Energy Detector

0.19 - 20µm, 110W, Thermopile Power & Energy Detector

Stock **#78-465** **1 In Stock**

- 1 + **MRP ₹2,33,640**

Price inclusive of all taxes

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Volume Pricing	
Qty 1-4	**₹2,33,640** each
Qty 5+	**₹2,10,276** each
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Product Downloads

General

Model Number:
UP19k-100F-H9-INT-D0 (US)

Cooling Method:
Fan Cooled

Compatible Meters:
Integra (Integrated)

Physical & Mechanical Properties

Dimensions (mm):
54.2 x 54.2 x 55.6

Weight (g):
160

Weight (kg):
0.16

Active Area (mm):
19

Optical Properties

Wavelength Range (nm):
190 - 20000

Wavelength Range (µm):
0.19 - 20

Sensor

Type of Sensor:
Thermopile

Electrical

Maximum Incident Beam Power (mW):
110,000

Maximum Incident Beam Power (W):
110

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:
3 mW

Regulatory Compliance

Certificate of Conformance:
View

Country of Origin:
Canada

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

- 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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