

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



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

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

⊖ 1 ⊕ €2.890<sup>00</sup>

**ADD TO CART**

### Volume Pricing

Qty 1-4	€2.890,00 each
Qty 5+	€2.600,00 each
Need More?	<a href="#">Request Quote</a>

ⓘ Prices shown are exclusive of VAT/local taxes

### Product Downloads

Maximum Incident Energy Density (J/cm<sup>2</sup>, 10ns Pulses):

1

### General

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

Cooling Method:  
Fan Cooled

Compatible Meters:

**Physical & Mechanical Properties**89 x 89 x 116 **Dimensions (mm):**1,410 **Weight (g):**1.41 **Weight (kg):**55 **Active Area (mm):****Optical Properties**190 - 20000 **Wavelength Range (nm):**0.19 - 20 **Wavelength Range (µm):****Sensor**Thermopile **Type of Sensor:****Electrical**300,000 **Maximum Incident Beam Power (mW):**300 **Maximum Incident Beam Power (W):**45,000 **Maximum Incident Power Density (W/cm<sup>2</sup>):**45 **Maximum Incident Power Density (kW/cm<sup>2</sup>):**15 mW **Noise Level:****Regulatory Compliance**[View](#) **Certificate of Conformance:****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.