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2 - 12um Micro HgCdTe Photovoltaic Detector Module, MicroM 10.6



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Stock **#90-459** NEW **4 In Stock**

£1,296.⁰⁰

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| Volume Pricing | |
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| Qty 1+ | £1,296.00 each |
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ⓘ Prices shown are exclusive of VAT/local taxes

Note: This item requires accessories for use | [Learn More](#)

Product Downloads

General

Type:
 IR Photovoltaic Detection Module

Model Number:
 microM-10.6

Manufacturer:
 Vigo Photonics

Physical & Mechanical Properties

| | |
|-------------|----------------------------------|
| 100 | Weight (g): |
| 1.00 x 1.00 | Size of Active Area (mm): |
| 1.00 x 1.00 | Active Area (mm): |

Optical Properties

| | |
|--------------|--------------------------------|
| 2000 - 12000 | Spectral Response (nm): |
| 85 | Acceptance Angle (°): |

Electrical

| | |
|--------------|-------------------------|
| Up to 10 MHz | Bandwidth (MHz): |
|--------------|-------------------------|

Hardware & Interface Connectivity

| | |
|--|----------------------|
| Power Supply Required(#91-004) and Sold Separately | Power Supply: |
|--|----------------------|

Environmental & Durability Factors

| | |
|------------|------------------------------------|
| +10 to +30 | Operating Temperature (°C): |
| -20 to +50 | Storage Temperature (°C): |

Additional Info

| | |
|--|-----------------------------|
| (1) SMA-BNC Cable, (1) JWPF-DB9 Power Supply Cable | Included Components: |
|--|-----------------------------|

Regulatory Compliance

| | |
|---------------------------|------------------------------------|
| Exempt | RoHS 2015: |
| View | Certificate of Conformance: |
| Compliant | Reach 247: |

Product Details

- Built-In Preamplifiers and TEC Control Options
- Mid and Long-Wave Infrared (MMIR/LWIR) Spectral Ranges
- Evaluation Kits and Digital Interfaces for Simplified Setup and Data Acquisition

Vigo Photonics Infrared Detector Modules offer solutions that combine advanced IR detector technology with integrated electronics for simplified system integration. These compact modules feature options ranging from uncooled micro-size designs to multi-stage TE-cooled laboratory systems with programmable preamplifiers. Evaluation kits, digital interfaces, and built-in TEC controllers ensure fast setup and reliable operation across diverse environments. Vigo Photonics Infrared Detector Modules are available in configurations optimized for mid-wave and long-wave infrared, with spectral coverage from 2 to 12µm. Ideal for spectroscopy, gas sensing, industrial monitoring, and defense applications, these modules deliver high performance in flexible, ready-to-use packages.