

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



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

⊖ 1 ⊕ **C\$2,268⁰⁰**

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

Product Downloads

General

IR Photovoltaic Detection Module **Type:**
 microM-10.6 **Model Number:**
 Vigo Photonics **Manufacturer:**

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

Environmental & Durability Factors

+10 to +30 **Operating Temperature (°C):**

-20 to +50 **Storage Temperature (°C):**

Additional Info

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

Regulatory Compliance

RoHS 2015:
[Exempt](#)

Certificate of Conformance:
[View](#)

Reach 247:
[Compliant](#)

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.