

Metric Spatial Filter



Metric Spatial Filter, #57-739

Stock **#57-739** **14 In Stock**

⊖ 1 ⊕ **SS\$1,834⁰⁰**

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General

Adjustable - Linear (XYZ) & Tilt **Type:**

Pinhole **Type of Optics:**

Note:
Requires one pinhole aperture and microscope objective

Physical & Mechanical Properties

Black Anodized Aluminum **Construction:**

XY: ±1.5, Z: ±3 **Linear Travel (mm):**

2.5 (XY) **Linear Travel Resolution (µm):**

±2 **Base Tilt Angle (°):**

Hardware & Interface Connectivity

Differential Micrometer (XY) **Type of Drive:**

Threading & Mounting

M6 x 1.0 **Compatible Post:**

Regulatory Compliance

[Exempt](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Contains SVHC\(s\)](#) **Reach 247:**

Product Details

Metric Spatial Filters are only compatible with the following objectives: DIN Achromatic 4X (#36-131), DIN Micro-Plan 4X (#38-341), DIN Achromatic 4X (#43-902), DIN Plan 4X (#67-706), and the JIS Achromatic 10X (#30-046).

- X-Y Micrometer Translation
- Gimbal Tilt Control for Fiber Alignment
- Z-Axis Translation for Objective Mount

Our Metric Spatial Filters are designed to ease [fiber optic](#) and [pinhole](#) system integration. With ±1.5mm micrometer driven X-Y translation, 2.5µm resolution, and an objective mount with 10mm Z-axis translation, these Metric Spatial Filters are ideal for a range of DIN and JIS standard [objectives](#). The fiber optic metric spatial filter provides easy connection for fiber optics with an FC termination and features gimbal tilt control for fiber alignment with a ±2° adjustable angle range. The pinhole metric spatial filter includes a pinhole adapter for integrating mounted and unmounted pinholes.

Note: Metric Spatial Filters are only compatible with the following objectives: DIN Achromatic 4X (#43-902), DIN Plan 4X (#67-706), and the JIS Achromatic 10X.

Technical Information

