

## Metric Spatial Filter



Metric Spatial Filter, #57-739

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

MRP ₹1,32,166

**Price inclusive of all taxes**

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### Volume Pricing

Qty 1+	₹1,32,166 each
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### Product Downloads

### General

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

Pinhole **Type of Optics:**

**Note:**  
Requires one pinhole aperture and microscope objective

### Physical & Mechanical Properties

**Construction:**

Black Anodized Aluminum

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

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

**Base Tilt Angle (°):**  
±2

## Hardware & Interface Connectivity

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

## Threading & Mounting

**Compatible Post:**  
M6 x 1.0

## Regulatory Compliance

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

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

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

**Country of Origin:**  
Japan

**Imported By:**  
Edmund Optics India Private Limited  
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## 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

