

Metric Spatial Filter



Metric Spatial Filter, #57-739

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

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+

£1,048⁰⁰

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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.

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Technical Information

