

Fiber Spatial Filter-FC



Fiber Spatial Filter-FC, #55-475

Stock **#55-475 2 In Stock**

⊖ 1 ⊕ €1.310⁰⁰

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Volume Pricing

Qty 1+	€1.310,00 each
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Product Downloads

General

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

Fiber Connector **Type of Optics:**

10X microscope objective included **Note:**

Physical & Mechanical Properties

Construction:

Black Anodized Aluminum

Linear Travel (mm):

XY: ±1.5, Z: ±5

Linear Travel Resolution (µm):

2.5 (XY)

Tip/Tilt Angle (°):

±2

Base Tilt Angle (°):

±2

Electrical

Fiber Connection:

FC

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\(s\)](#)

Product Details

- 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

