

## Fiber Spatial Filter-FC



Fiber Spatial Filter-FC, #55-475

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

⊖ 1 ⊕ €1.310<sup>00</sup>

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### Volume Pricing

Qty 1+	€1.310,00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

### 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**

