

## Fiber Spatial Filter-FC



Fiber Spatial Filter-FC, #55-475

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

- 1 + £1,048<sup>00</sup>

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### Volume Pricing

Qty 1+	£1,048.00 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

