

Fiber Spatial Filter-FC



Fiber Spatial Filter-FC, #55-475

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

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1

+

£1,048⁰⁰

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General

Adjustable - Linear (XYZ) & Tip-Tilt

Type:

Fiber Connector

Type of Optics:

10Xmicroscope 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

