

Fiber Spatial Filter-FC



Fiber Spatial Filter-FC, #55-475

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

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1

+

MRP ₹1,02,999

 Price inclusive of all taxes

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General

Adjustable - Linear (XYZ) & Tip-Tilt

Type:

Fiber Connector

Type of Optics:

10Xmicroscope objective included

Note:

Physical & Mechanical Properties

Black Anodized Aluminum

Construction:

	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)	

	Country of Origin:
Japan	

	Imported By:
Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	

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

