

## Kinematic & Differential Micrometer Drive Fiber Alignment Mount



Fiber Alignment Mount w/ Gimbal Tilt and Micrometer Movement, #55-478

Stock #55-478 **11 In Stock**

⊖ 1 ⊕ €585<sup>00</sup>

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Volume Pricing	
Qty 1+	€585,00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

### Product Downloads

### General

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

Fiber Connector **Type of Optics:**

0.36 **Angular Resolution (°):**

### Physical & Mechanical Properties

**Construction:**

Black Anodized Aluminum

Linear Travel (mm):  
±1.5

Linear Travel Resolution (µm):  
2.5

Tip/Tilt Angle (°):  
±2

## Electrical

Fiber Connection:  
FC

## Hardware & Interface Connectivity

Type of Drive:  
Differential Micrometer

## Threading & Mounting

Compatible Post:  
M6 x 1.0

## Regulatory Compliance

RoHS 2015:  
[Exempt](#)

Certificate of Conformance:  
[View](#)

Reach 247:  
[Contains SVHC\(s\)](#)

## Product Details

[Posts](#) and [Post Holders](#) are required for mounting to a breadboard.

- FC Fiber Connection
- Two Axis Linear Movement for Precise Fiber Alignment
- Optional Kinematic Tilt Version
- [Posts](#) and [Post Holders](#) Required for Mounting

Fiber Optic Alignment Mounts can translate optical fibers terminating in an FC connection. Useful for telecom positioning and for aligning FC Fiber Optic Patchcords, they feature ±1.5mm travel in both the X and Y-axis. The Differential Micrometer models feature 2.5 micron resolution while the kinematic version ([#55-478](#)) provides an additional ±2° tilt adjustment on each axis.

**Note:** [Posts](#) and [Post Holders](#) are required for mounting to a breadboard.

## Technical Information

