

## 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 ⊕ C\$819<sup>00</sup>

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### Product Downloads

### General

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

Fiber Connector **Type of Optics:**

0.36 **Angular Resolution (°):**

### Physical & Mechanical Properties

Black Anodized Aluminum **Construction:**

±1.5      **Linear Travel (mm):**

2.5      **Linear Travel Resolution (µm):**

±2      **Tip/Tilt Angle (°):**

## Electrical

FC      **Fiber Connection:**

## Hardware & Interface Connectivity

Differential Micrometer      **Type of Drive:**

## Threading & Mounting

M6 x 1.0      **Compatible Post:**

## Regulatory Compliance

[Exempt](#)      **RoHS 2015:**

[View](#)      **Certificate of Conformance:**

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

## 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

