

Kinematic & Differential Micrometer Drive Fiber Alignment Mount



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

Stock #55-478 **10 In Stock**

⊖ 1 ⊕ **\$819⁰⁰**

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Qty 1+	\$819.00 each
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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

