

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 ⊕ £468⁰⁰

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Volume Pricing	
Qty 1+	£468.00 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

