

Filter Translation Mount



Stock #53-272 **20+ In Stock**

- 1 + S\$183⁴⁰

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Volume Pricing

Qty 1-9	S\$183.40 each
Qty 10-25	S\$166.04 each
Qty 26-49	S\$153.16 each
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Product Downloads

General

Adjustable - Linear (X) **Type:**
Square or Rectangular **Type of Optics:**

Physical & Mechanical Properties

3.0 **Max. Thickness of Compatible Optics (mm):**

Threading & Mounting

Size of Compatible Optics (mm):

15.0 - 101.6

Compatible Post:

1/4-20

Regulatory Compliance

RoHS 2015:

Compliant

Certificate of Conformance:

[View](#)

Reach 235:

Compliant

Product Details

- Designed for Filters Up to 3mm Thick
- Horizontal or Vertical 1/4-20 Mounting Holes
- Posts Not Included
- Smooth Motion with Integral Locking Screw

Variable Filter Translation Mounts are a necessity for adjusting variable filter and beamsplitter positions. Applications and procedures for filtering visible lasers, for instance, usually require some method of translating the filter position with respect to the beam. Edmund Optics offers an economical translation mount for filter movement. Variable Filter Translation Mounts feature tapped 1/4-20 mounting openings on the bottom and side of the mount allow either horizontal or vertical translation. Our mount is designed to maintain the maximum aperture of the mounted filter or mirror, blocking only about 1/4 cm² total area. The mounts will hold filters, mirrors, beamsplitters, and flat optical components up to 3mm thick.

Optical components are held in shuttle, which translates along a 96mm rail. Two 2-56 nylon-tipped set screws, 12mm apart, oppose a flat nylon backing to safely secure components in the translation mount shuttle. The anodized aluminum rail is grooved to control the travel of the shuttle, which is guided by a thumb screw. A thumb screw is both a handle for translation as well as a locking position screw. Set screw allen wrench is included. Post is not included.

Technical Information

