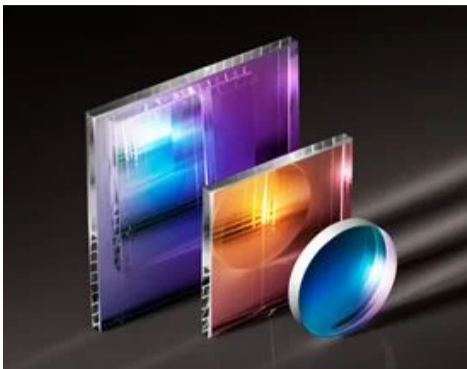


# TECHSPEC® 0° AOI, 12.5mm Square, Cold Mirror



Stock #64-434 20+ In Stock

1 MRP ₹5,095

Price inclusive of all taxes

**ADD TO CART**



TECHSPEC High Performance Cold Mirror

Volume Pricing	
Qty 1-9	₹5,095 each
Qty 10-25	₹4,590 each
Qty 26-49	₹4,364 each
Need More?	<a href="#">Request Quote</a>

Product Downloads

- STEP:step
- Curve:pdf
- PDF Drawing:pdf
- IGES:igs
- eDrawing:eprt
- EO Spec Sheet
- [Download All](#)

## General

Type: Cold Mirror

## Physical & Mechanical Properties

<b>Thickness (mm):</b>	1.10 ±0.2	<b>Dimensions (mm):</b>	12.5 x 12.5
<b>Dimensional Tolerance (mm):</b>	+0.0/-0.2	<b>Length (mm):</b>	12.50
<b>Width (mm):</b>	12.50		

## Optical Properties

<b>Transmission (%):</b>	Longpass Filter	<b>Coating Type:</b>	Dielectric
<b>Coating:</b>	Cold Mirror, 0°	<b>Surface Flatness (P-V):</b>	4 - 6λ
<b>Wavelength Range (nm):</b>	400 - 1150	<b>Substrate:</b>	<b>BOROFLOAT®</b>
<b>Angle of Incidence (°):</b>	0	<b>Coating Specification:</b>	R <sub>avg</sub> ≥95% @ 400 - 690nm and T <sub>avg</sub> ≥90% @ 750 - 1200nm AR Coating: R <sub>avg</sub> <1% @ 700 - 1150nm
<b>Surface Quality:</b>	80-50		

## Regulatory Compliance

RoHS 2015: **Compliant**

Certificate of Conformance: [View](#)

Country of Origin: United States

**Imported By:** Edmund Optics  
India Private  
Limited  
267, Greystone  
Building,  
Second Floor,  
6th Cross Rd,  
Binnamangala,  
Stage 1,  
Indiranagar,  
Bengaluru,  
Karnataka,  
India 560038  
Phone: +91-  
80-6845 0000

## Product Details

- >95% Reflection from 400 - 690nm
- >90% Transmission from 750 - 1200nm
- Optimized for 0° or 45° Angle of Incidence

TECHSPEC® High Performance Cold Mirrors feature a multi-layer dielectric coating optimized for greater than 95% reflection of visible light and greater than 90% transmission of IR wavelengths. Cold mirrors are designed for use in any application where heat build-up can cause damage or adverse effects. For high power illumination, forced air cooling is recommended.

## Technical Information

## Related Products



Kinematic Optical Mirror Mounts



Kinematic Square Optical Mounts

## Quote Your Size

PLEASE ENTER YOUR  
REQUIRED SPECIFICATIONS  
HERE:

Type

Substrate

Thickness (mm)


Shape ⓘ

Diameter (mm) ⓘ

Length (mm) ⓘ

Width (mm) ⓘ

0

Quantity 

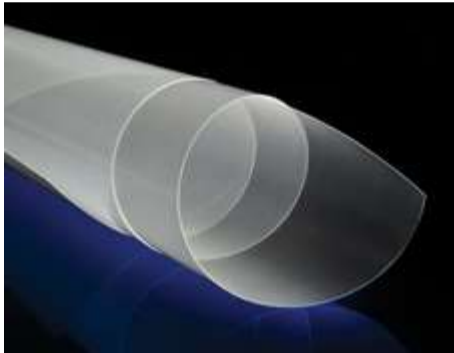
0

**GET PRICING**

TYPICAL 4-6 WEEK DELIVERY. DELIVERY DATE TO BE CONFIRMED AT TIME OF ORDER.

OTHER SUBSTRATES, DIMENSIONS AND THICKNESSES OUTSIDE OF THOSE SHOWN HERE ARE ALSO AVAILABLE. IF YOU ARE INTERESTED IN A PRODUCT OUTSIDE OF THE SPECIFICATIONS SHOWN IN THIS TABLE, PLEASE [CONTACT US](#) TO DISCUSS MANUFACTURING FEASIBILITY.

## Frequently Purchased Together



#32-806 - 6" x 6" Translucent, IR Material Window  
₹3,279

Qty



#33-504 - 1.0" Angle Mirror Mount with Mirror  
₹13,419

Qty



#34-473 - 25mm Dia. White Diffusing Glass  
₹3,632

Qty





#35-127 - Everix Ultra-Thin OD 2 Longpass Filter, 700nm, 12.5mm Square  
₹7,217

Qty



## Compatible Mounts

	Title	Type	Compare	Stock Number	Price	Buy
 	25mm sq - Rectangular Bar Clamp	Fixed		#54-994	₹10,896 <a href="#">Request Quote</a>	8 In Stock <input type="text" value="1"/> 
 	60mm sq - Rectangular Bar Clamp	Fixed		#54-995	₹12,712 <a href="#">Request Quote</a>	20+ In Stock <input type="text" value="1"/> 

Check out our full selection of mounts [here](#).

## Resources

### Media Type

- Application Note
- Video
- Published Article
- FAQ

 APPLICATION NOTE

The Importance of Optical Filter Orientation....

 APPLICATION NOTE

Custom Bandpass Filter using Shortpass an...

 VIDEO

Optical Filters Review

Glossary

Trending in Optics

▶ VIDEO

Optical Filter  
Coatings:  
Comparison of  
Traditional a...

📄 PUBLISHED ARTICLE

Selecting Color  
Filter Glass for  
Life Science  
Applications

? FAQ

What type of  
material  
should I look  
for in a filter?

[View More](#)