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**TECHSPEC® 45° AOI, 12.5mm Square, Cold Mirror**



TECHSPEC High Performance Cold Mirrors

Stock **#64-444** **7 In Stock**

⊖ 1 ⊕ **A\$81<sup>00</sup>**

**ADD TO CART**

Volume Pricing	
Qty 1-9	<b>A\$81.60</b> each
Qty 10-25	<b>A\$73.20</b> each
Qty 26-49	<b>A\$70.00</b> each
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Product Downloads

**General**

Cold Mirror **Type:**

**Physical & Mechanical Properties**

1.10 ±0.2 **Thickness (mm):**

12.5 x 12.5 **Dimensions (mm):**

+0.0/-0.2	<b>Dimensional Tolerance (mm):</b>
12.50	<b>Length (mm):</b>
12.50	<b>Width (mm):</b>
<b>Optical Properties</b>	
Dichroic Filter	<b>Transmission (%):</b>
Dielectric	<b>Coating Type:</b>
Cold Mirror, 45°	<b>Coating:</b>
4 - 6λ	<b>Surface Flatness (P-V):</b>
425 - 1150	<b>Wavelength Range (nm):</b>
<b>BOROFLOAT®</b>	<b>Substrate:</b> <input type="checkbox"/>
45	<b>Angle of Incidence (°):</b>
<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	
80-50	<b>Surface Quality:</b>

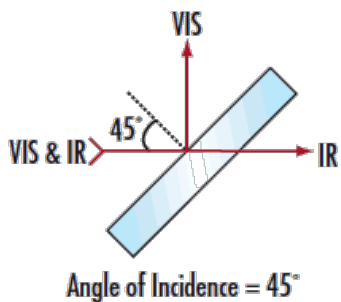
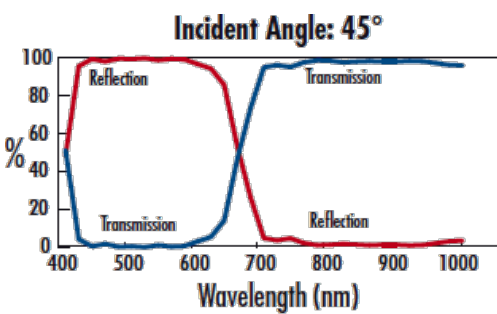
<b>Regulatory Compliance</b>	
<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Compliant</a>	<b>Reach 247:</b>

## 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



**Quote Your Size**

**Compatible Mounts**

