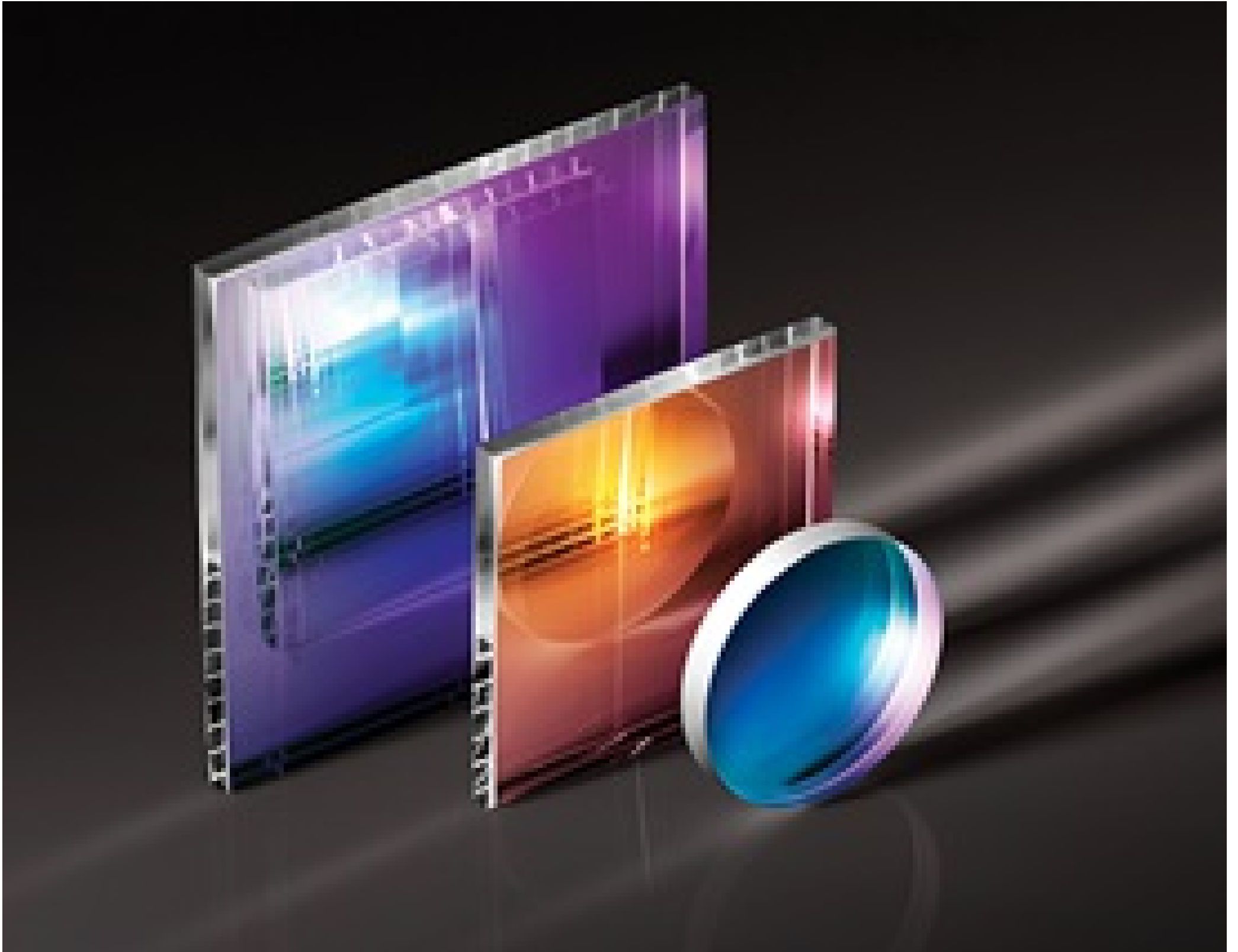


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45° AOI 12.5mm Sq, Cold Mirror



Stock #62-634 CLEARANCE **20+ In Stock**

S\$16⁰⁰

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Volume Pricing

Qty 1+	S\$16.80 each
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General

Cold Mirror **Type:**

Physical & Mechanical Properties

1.10 **Thickness (mm):**

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

±0.5 **Dimensional Tolerance (mm):**

Length (mm):

12.50

Width (mm):

12.50

Optical Properties

Dielectric **Coating Type:**

Cold Mirror, 45° **Coating:**

4 - 6λ **Surface Flatness (P-V):**

425 - 1200 **Wavelength Range (nm):**

BOROFLOAT® **Substrate:**

45.00 **Angle of Incidence (°):**

Coating Specification:
R_{avg} >90% @ 425 - 650nm
T_{avg} >85% @ 800 - 1200nm

80-50 **Surface Quality:**

Regulatory Compliance

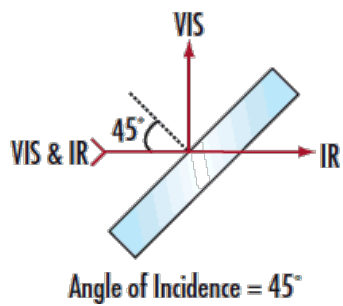
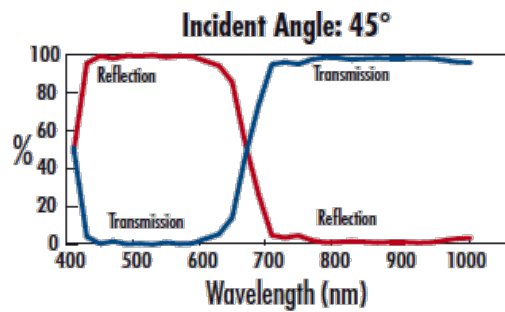
[View](#) **Certificate of Conformance:**

Product Details

- 0° and 45° Angle of Incidence Options Available
- Reflects 90% of Visible Light
- Transmits 80% of the NIR and IR

These Cold Mirrors have a 0° and 45° angle of incidence and are ideal for decreasing the undesirable heat caused by infrared radiation. A multi-layer dielectric coating reflects 90% of visible light while transmitting over 80% of the NIR and IR. Cold Mirrors function satisfactorily with resistance to damage from ambient temperatures of -45°C to +232°C and are ideal for projection systems, where heat build-up can lead to system damage. Made of BOROFLOAT® glass, these Cold Mirrors can be cut to the desired size for any application.

Technical Information



Compatible Mounts