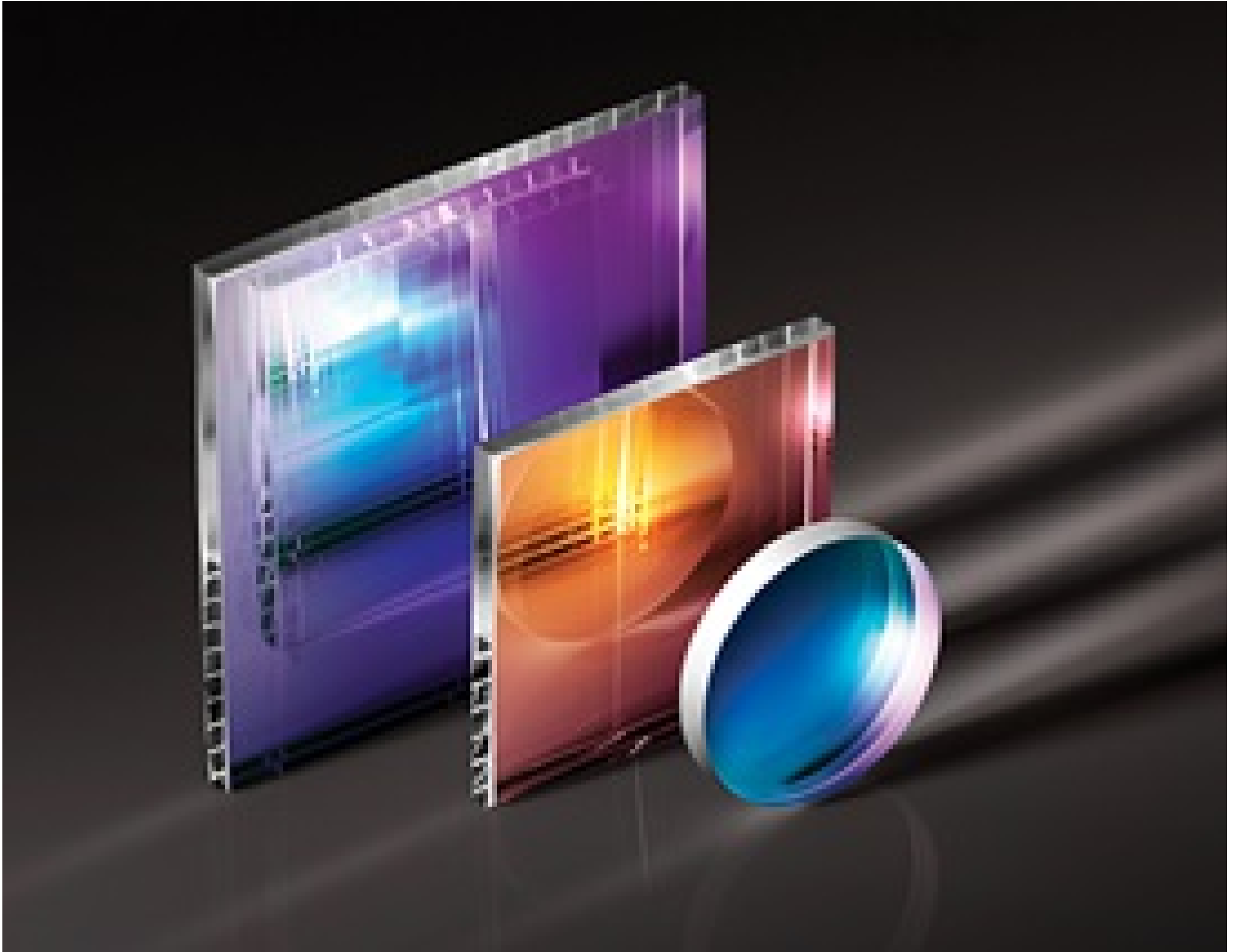


[See all 5 Products in Family](#)

## 45° AOI 12.5mm Sq, Cold Mirror



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

⊖ 1 ⊕ A\$17.<sup>52</sup>

**ADD TO CART**

Volume Pricing	
Qty 1+	A\$17.52 each
Need More?	<a href="#">Request Quote</a>

### Product Downloads

### 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

Coating Type:

Dielectric

Coating:

Cold Mirror, 45°

Surface Flatness (P-V):

4 - 6λ

Wavelength Range (nm):

425 - 1200

Substrate:

**BOROFLOAT®**

Angle of Incidence (°):

45.00

Coating Specification:

R<sub>avg</sub> >90% @ 425 - 650nm  
T<sub>avg</sub> >85% @ 800 - 1200nm

Surface Quality:

80-50

## Regulatory Compliance

Certificate of Conformance:

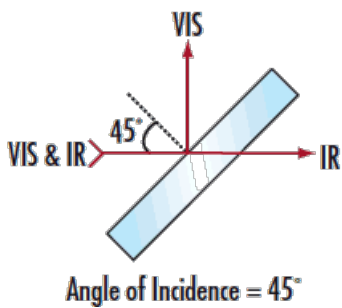
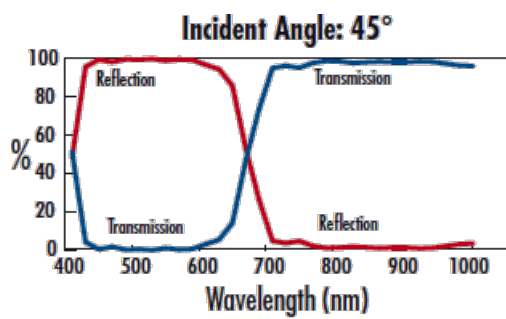
[View](#)

## 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