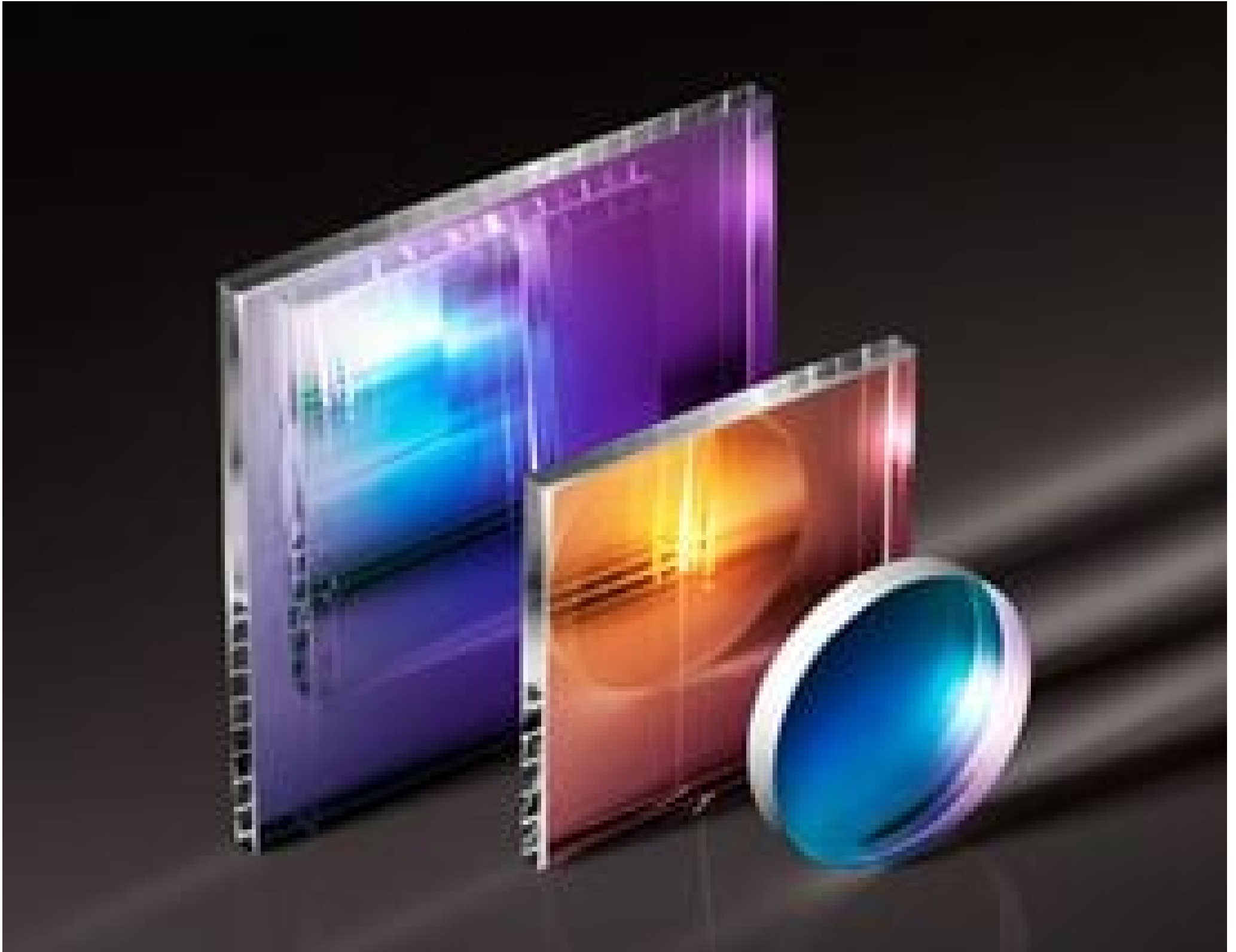


**TECHSPEC® 0° AOI, 50.0mm Square, Cold Mirror**



TECHSPEC High Performance Cold Mirrors

Stock #64-441 **8 In Stock**

⊖ 1 ⊕ €111.<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-9	€111,00 each
Qty 10-25	€100,00 each
Qty 26-49	€95,00 each
Need More?	<a href="#">Request Quote</a>

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

Cold Mirror **Type:**

**Physical & Mechanical Properties**

3.30 ±0.2 **Thickness (mm):**

**Dimensions (mm):**

50.0 x 50.0

**Dimensional Tolerance (mm):**

+0.0/-0.2

**Length (mm):**

50.00

**Width (mm):**

50.00

**Optical Properties**

**Transmission (%):**

Longpass Filter

**Coating Type:**

Dielectric

**Coating:**

Cold Mirror, 0°

**Surface Flatness (P-V):**

4 - 6λ

**Wavelength Range (nm):**

400 - 1150

**Substrate:**

BOROFLOAT®

**Angle of Incidence (°):**

0

**Coating Specification:**

R<sub>avg</sub> ≥95% @ 400 - 690nm and T<sub>avg</sub> ≥90% @ 750 - 1200nm  
AR Coating: R<sub>avg</sub> <1% @ 700 - 1150nm

**Surface Quality:**

80-50

**Regulatory Compliance**

**RoHS 2015:**

Compliant

**Certificate of Conformance:**

[View](#)

**Reach 247:**

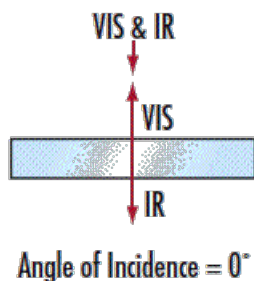
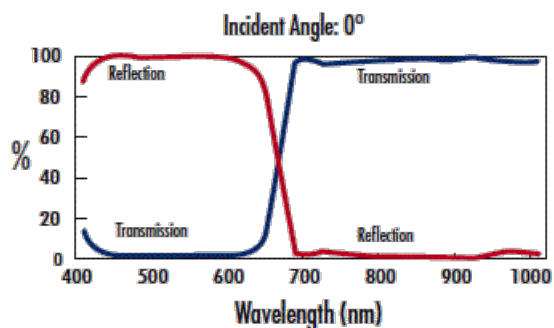
Compliant

**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

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