

TECHSPEC® 45° AOI, 12.5mm Diameter, Cold Mirror



TECHSPEC High Performance Cold Mirrors

Stock **#64-443** **20+ In Stock**

⊖ 1 ⊕ \$71⁰⁰

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Volume Pricing	
Qty 1-9	\$71.40 each
Qty 10-25	\$64.05 each
Qty 26-49	\$61.25 each
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General

Cold Mirror

Type:

Physical & Mechanical Properties

12.50 **Diameter (mm):**

1.10 ±0.2 **Thickness (mm):**

Dimensional Tolerance (mm):

+0.0/-0.2

Optical Properties

Dichroic Filter **Transmission (%)**:

Dielectric **Coating Type**:

Cold Mirror, 45° **Coating**:

4 - 6λ **Surface Flatness (P-V)**:

425 - 1150 **Wavelength Range (nm)**:

Substrate:
BOROFLOAT®

45 **Angle of Incidence (°)**:

Coating Specification:
R_{avg} ≥95% @ 400 - 690nm and T_{avg} ≥90% @ 750 - 1200nm
AR Coating: R_{avg} <1% @ 700 - 1150nm

80-50 **Surface Quality**:

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

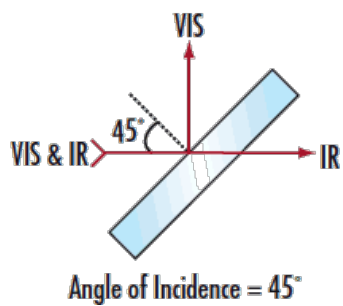
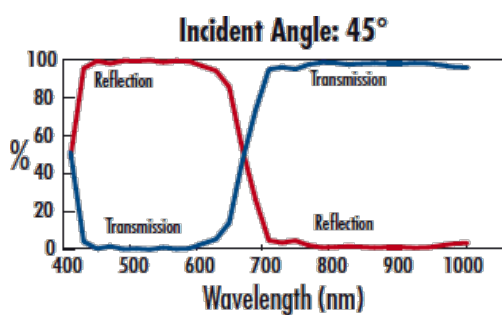
Reach 247:
Compliant

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