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



TECHSPEC High Performance Cold Mirrors

Stock **#64-444** **20+ In Stock**

- 1 + MRP ₹5,146

Price inclusive of all taxes

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Volume Pricing	
Qty 1-9	₹5,146 each
Qty 10-25	₹4,616 each
Qty 26-49	₹4,414 each
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General

Cold Mirror **Type:**

Physical & Mechanical Properties

1.10 ±0.2 **Thickness (mm):**

Dimensions (mm):

12.5 x 12.5

Dimensional Tolerance (mm):
+0.0/-0.2

Length (mm):
12.50

Width (mm):
12.50

Optical Properties

Transmission (%):
Dichroic Filter

Coating Type:
Dielectric

Coating:
Cold Mirror, 45°

Surface Flatness (P-V):
4 - 6λ

Wavelength Range (nm):
425 - 1150

Substrate:
BOROFLOAT®

Angle of Incidence (°):
45

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

Surface Quality:
80-50

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
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Reach 247:
Compliant

Country of Origin:
United States

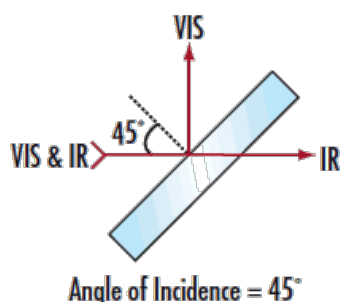
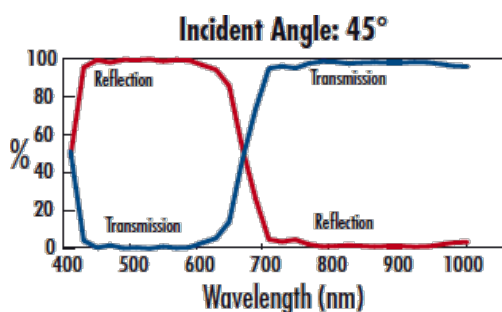
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Product Details

- >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
