

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



TECHSPEC High Performance Cold Mirrors

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

-

1

+

C\$71⁴⁰

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

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):
BOROFLOAT®	Substrate: ☐
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:

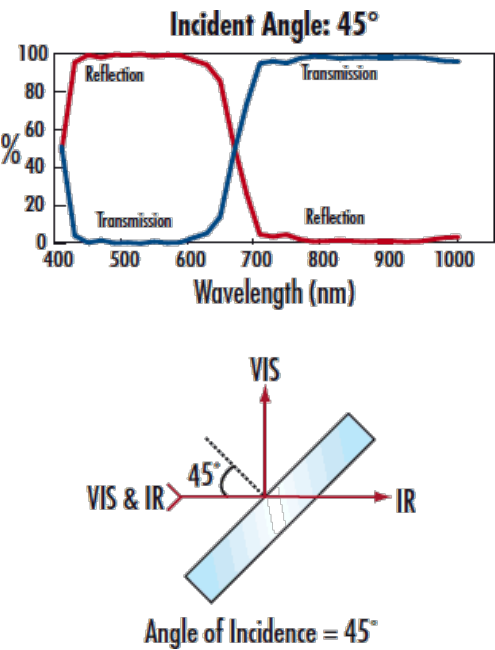
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:

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