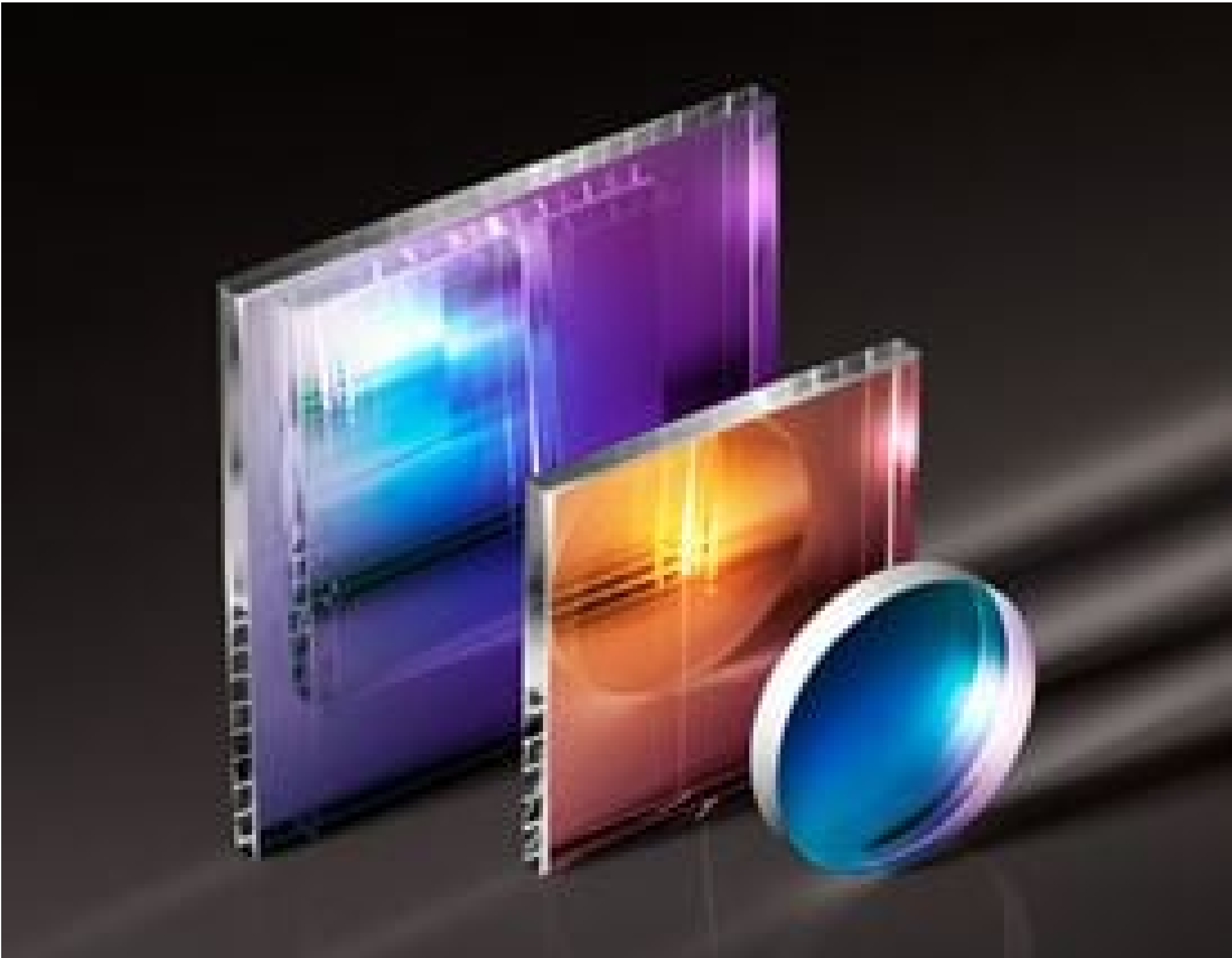


TECHSPEC[®] 45° AOI, 12.5mm Diameter, Cold Mirror



TECHSPEC High Performance Cold Mirrors

Stock **#64-443** 10 TO 12 DAYS

-

1

+

₹3,639

ADD TO CART

Qty 1-9

₹3,639

Qty 10+

₹3,270

Volume Pricing

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Product Downloads

SPECIFICATIONS

General

Cold Mirror

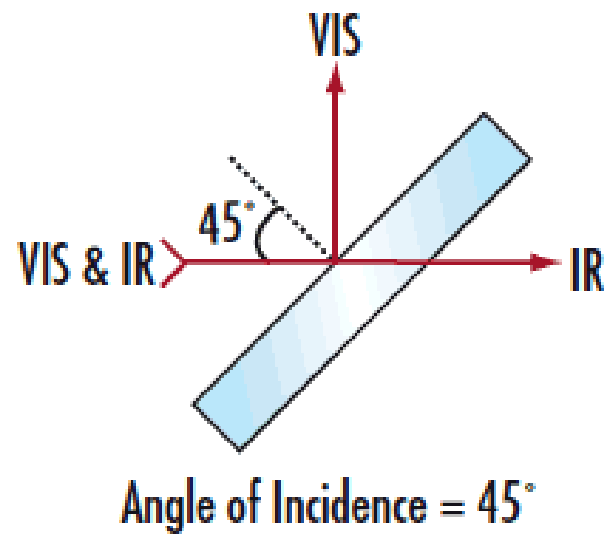
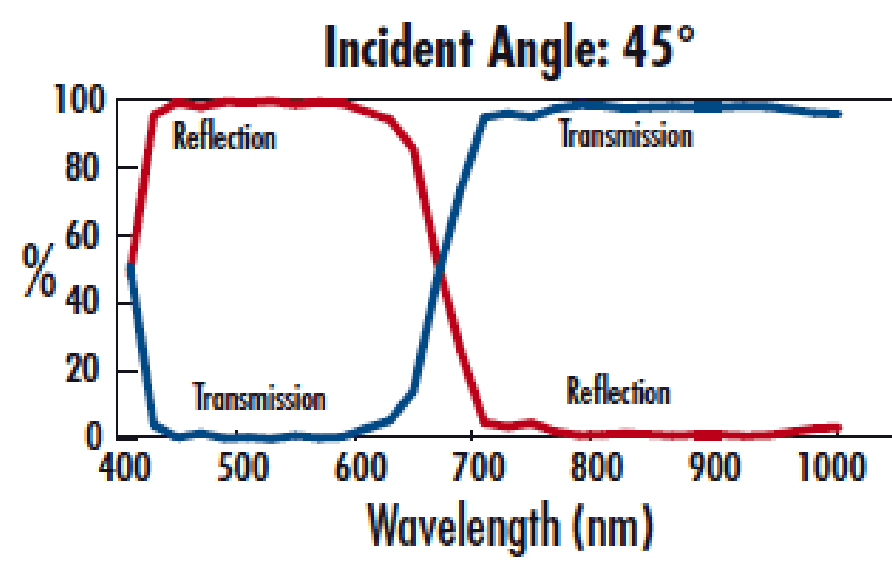
Type:

Physical & Mechanical Properties	
12.50	Diameter (mm):
1.10	Thickness (mm):
±0.2	Thickness Tolerance (mm):
+0.0/-0.2	Dimensional Tolerance (mm):
Optical Properties	
45	Angle of Incidence (°):
Cold Mirror, 45°	Coating:
BOROFLOAT®	Substrate: ☐
80-50	Surface Quality:
Dichroic Filter	Transmission (%):
Coating Specification: R _{avg} ≥95% @ 400 - 690nm and T _{avg} ≥90% @ 750 - 1200nm AR Coating: R _{avg} <1% @ 700 - 1150nm	
425 - 1150	Wavelength Range (nm):
4 - 6λ	Surface Flatness (P-V):
Dielectric	Coating Type:
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 242:

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



COMPATIBLE MOUNTS