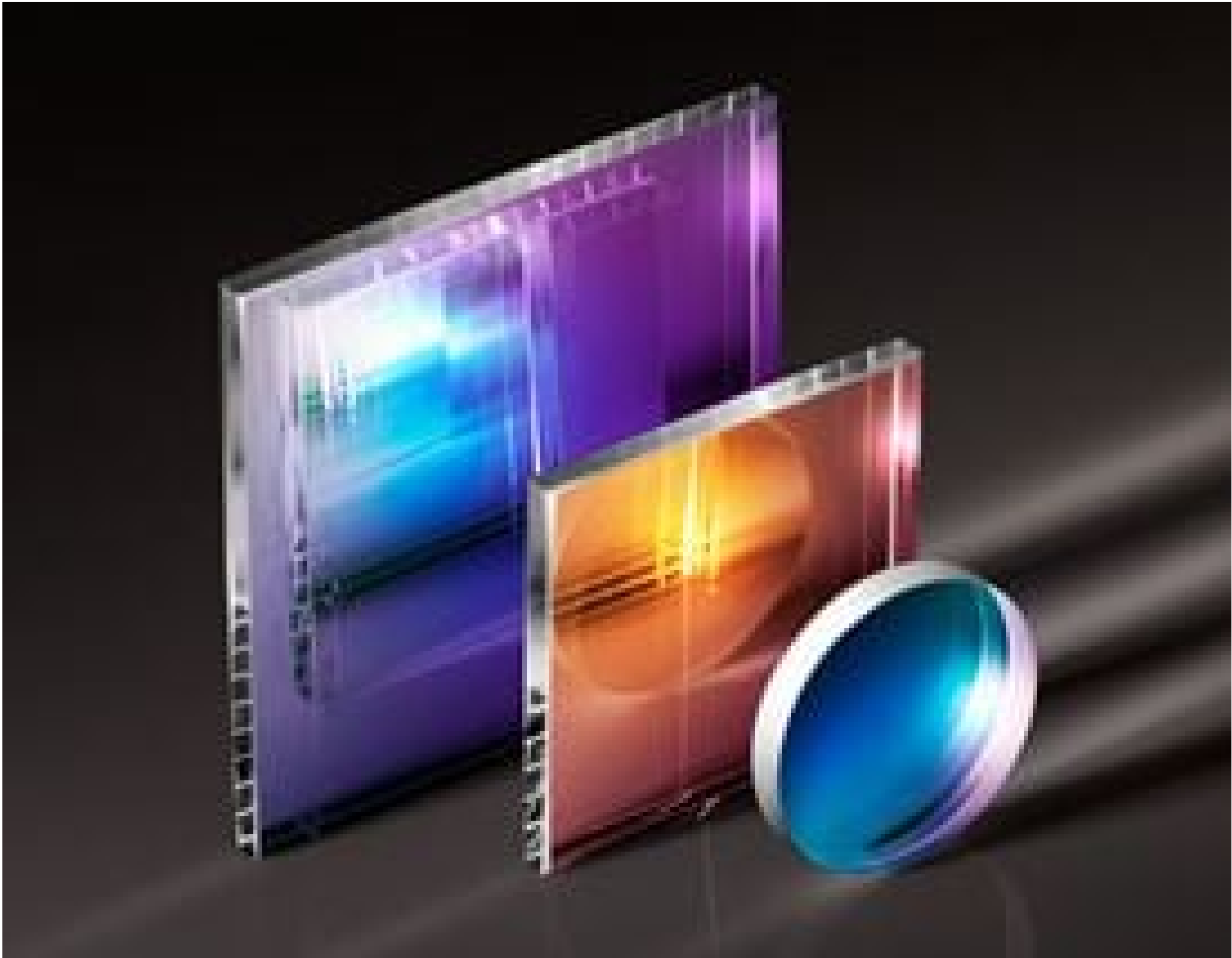


TECHSPEC<sup>®</sup> 0° AOI, 12.5mm Square, Cold Mirror



TECHSPEC High Performance Cold Mirrors

Stock **#64-434** 20+ In Stock

-

1

+

C\$70<sup>70</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-9        | C\$70.70 each                 |
| Qty 10-25      | C\$63.70 each                 |
| Qty 26-49      | C\$60.55 each                 |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

SPECIFICATIONS

General

Type:  
Cold Mirror

Physical & Mechanical Properties

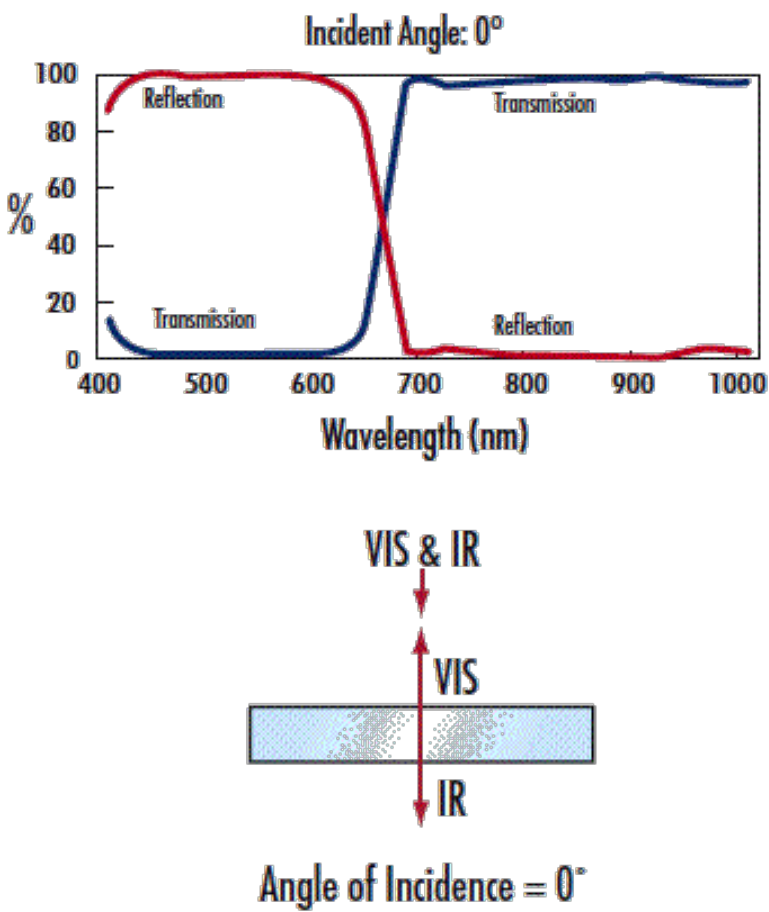
|                                                                                                                                                           |                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| 12.5 x 12.5                                                                                                                                               | Dimensions (mm):                    |
| 1.10 ±0.2                                                                                                                                                 | Thickness (mm):                     |
| +0.0/-0.2                                                                                                                                                 | Dimensional Tolerance (mm):         |
| Optical Properties                                                                                                                                        |                                     |
| 0                                                                                                                                                         | Angle of Incidence (°):             |
| Cold Mirror, 0°                                                                                                                                           | Coating:                            |
| BOROFLOAT®                                                                                                                                                | Substrate: <input type="checkbox"/> |
| 80-50                                                                                                                                                     | Surface Quality:                    |
| Longpass Filter                                                                                                                                           | Transmission (%):                   |
| Coating Specification:<br>R <sub>avg</sub> ≥95% @ 400 - 690nm and T <sub>avg</sub> ≥90% @ 750 - 1200nm<br>AR Coating: R <sub>avg</sub> <1% @ 700 - 1150nm |                                     |
| 400 - 1150                                                                                                                                                | Wavelength Range (nm):              |
| 4 - 6λ                                                                                                                                                    | Surface Flatness (P-V):             |
| Dielectric                                                                                                                                                | Coating Type:                       |
| 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

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