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TECHSPEC® 0° AOI, 20.0mm Square, Hot Mirror



TECHSPEC High Performance Hot Mirrors

Stock **#64-456** **20+ In Stock**

⊖ 1 ⊕ ₹3,893

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Volume Pricing	
Qty 1-9	₹3,893 each
Qty 10-25	₹3,503 each
Qty 26-49	₹3,328 each
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General

Shortpass Filter **Type:**

Physical & Mechanical Properties

20.0 x 20.0 **Dimensions (mm):**

1.10 ±0.2 **Thickness (mm):**

Dimensional Tolerance (mm):

+0.0/-0.2

Optical Properties

0 **Angle of Incidence (°):**

Hot Mirror, 0° **Coating:**

BOROFLOAT® **Substrate:**

80-50 **Surface Quality:**

Coating Specification:
 $T_{avg} > 90\%$ @ 400 - 690nm, $R_{avg} > 95\%$ @ 710 - 1150nm
AR: $R_{avg} < 1\%$ @ 400 - 700nm

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:**

United States **Country of Origin:**

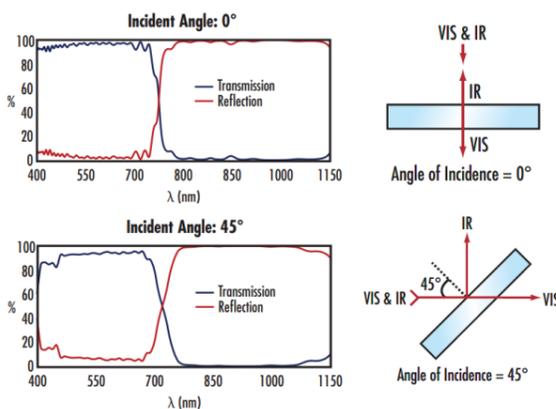
Edmund Optics India Private Limited **Imported By:**

Product Details

- High Transmission from 400 - 690nm
- High Reflection from 750 - 1125nm
- Ideal for Minimizing Heat Build-Up

TECHSPEC® High Performance Hot Mirrors feature a multi-layer dielectric coating optimized for greater than 85% transmission of visible light and greater than 95% reflection of IR wavelengths. For high power illumination, forced air cooling is recommended. Hot mirrors, also known as heat-reflecting mirrors, are crucial in many projection and illumination systems where high levels of heat can quickly damage sensitive components. TECHSPEC High Performance Hot Mirrors are ideal for minimizing heat build-up. Hot mirrors are specially coated to transmit visible light while reflecting the NIR, a major contributor to heat generation. By using a hot mirror, heat levels are limited with minimum impact on the overall system performance.

Technical Information



Quote Your Size

Compatible Mounts