

TECHSPEC[®] 6.35mm Dia Silver, 4-6λ Mirror



Stock **#89-466** [CONTACT US](#)

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1

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₹2,316

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Volume Pricing	
Qty 1-5	₹2,316 each
Qty 6-25	₹1,732 each
Qty 26-99	₹1,654 each
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Product Downloads

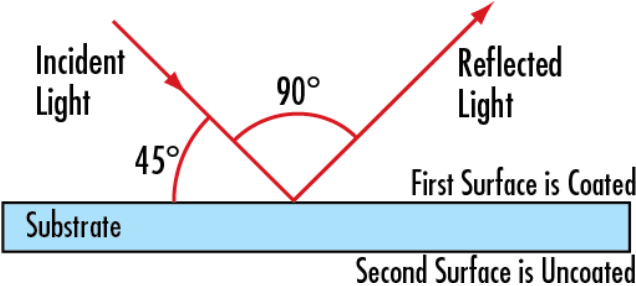
General	
Flat Mirror	Type:
Physical & Mechanical Properties	
6.35 ±0.25	Diameter (mm):
±0.25	Dimensional Tolerance (mm):

5.35	Clear Aperture CA (mm):
Ground, 0.5mm Maximum Edge Chip	Edges:
2.00 nominal	Thickness (mm):
Optical Properties	
4 - 6λ	Surface Flatness (P-V):
Float Glass	Substrate: □
60-40	Surface Quality:
Ravg >98% @450 - 2000nm Ravg >98% @2000 - 10,000nm	Coating Specification:
Protected Silver (450-10000nm)	Coating:
Metal	Coating Type:
450 - 10000	Wavelength Range (nm):
0.5 J/cm² @ 532nm & 1064nm, 10ns	Damage Threshold, Reference: □
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

- Wide Variety of Shapes and Sizes Available
 - Enhanced Aluminum, Protected Gold, and Protected Silver Coatings for high reflectivity from 450-10000nm
 - [Contact Us](#) for Custom Sizes
- TECHSPEC® First Surface Mirrors feature a high reflectivity coating deposited on the front surface of the glass substrate. The mirrors are available in enhanced aluminum, protected gold, and protected silver coatings for high reflectivity from 450-10000nm. The coated surface should be oriented to reflect incident light. TECHSPEC First Surface Mirrors are offered in circular, square, and rectangular dimensions. First surface mirrors are ideal for applications requiring the mirror to be mounted at 45° in order to produce a 90° bend in the light path. These first surface mirrors easily mount into a [range of optical mounts](#) to facilitate application integration.
- Note: A range of mounts specifically compatible with individual TECHSPEC® First Surface Mirrors can be found on product web pages.

Technical Information



The diagram illustrates the geometry of a first surface mirror. A light blue rectangular substrate is shown with a label 'Substrate' and 'Second Surface is Uncoated'. A red line representing 'Incident Light' strikes the top surface of the substrate at a 45° angle. A red line representing 'Reflected Light' bounces off the same point at a 90° angle. A label 'First Surface is Coated' points to the top surface of the substrate.

Coating Curves

Compatible Mounts