

TECHSPEC[®] 100mm Dia., Enhanced Aluminum, 4-6λ Mirror



Stock #18-920 12 In Stock

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1

+

₹4,476

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Volume Pricing	
Qty 1-5	₹4,476 each
Qty 6-25	₹3,445 each
Qty 26-49	₹3,231 each
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Product Downloads

General

Flat MirrorType:

Physical & Mechanical Properties

100.00 +0.00/-0.25Diameter (mm):

3.00 (nominal)Thickness (mm):

90.00	Clear Aperture CA (mm):
	Edges:
Ground, 0.5mm Maximum Edge Chip	
Optical Properties	
	Coating Type:
Metal	
	Coating:
Enhanced Aluminum (450-650nm)	
	Surface Flatness (P-V):
4 - 6λ	
	Wavelength Range (nm):
450 - 650	
	Substrate: □
Float Glass	
	Coating Specification:
R _{avg} ≥95% @450 - 650nm @45°	
	Surface Quality:
60-40	
	Damage Threshold, By Design: □
0.2 J/cm ² @532nm, 10ns	
Regulatory Compliance	
	RoHS 2015:
Compliant	
	Certificate of Conformance:
View	
	Reach 247:
Compliant	
	Country of Origin:
United States	
	Imported By:
Edmund Optics India Private Limited	

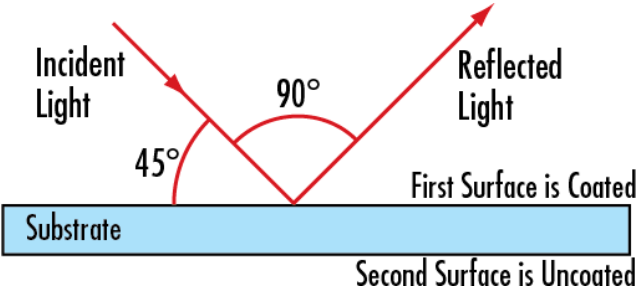
Product Details

- 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



Coating Curves

Compatible Mounts