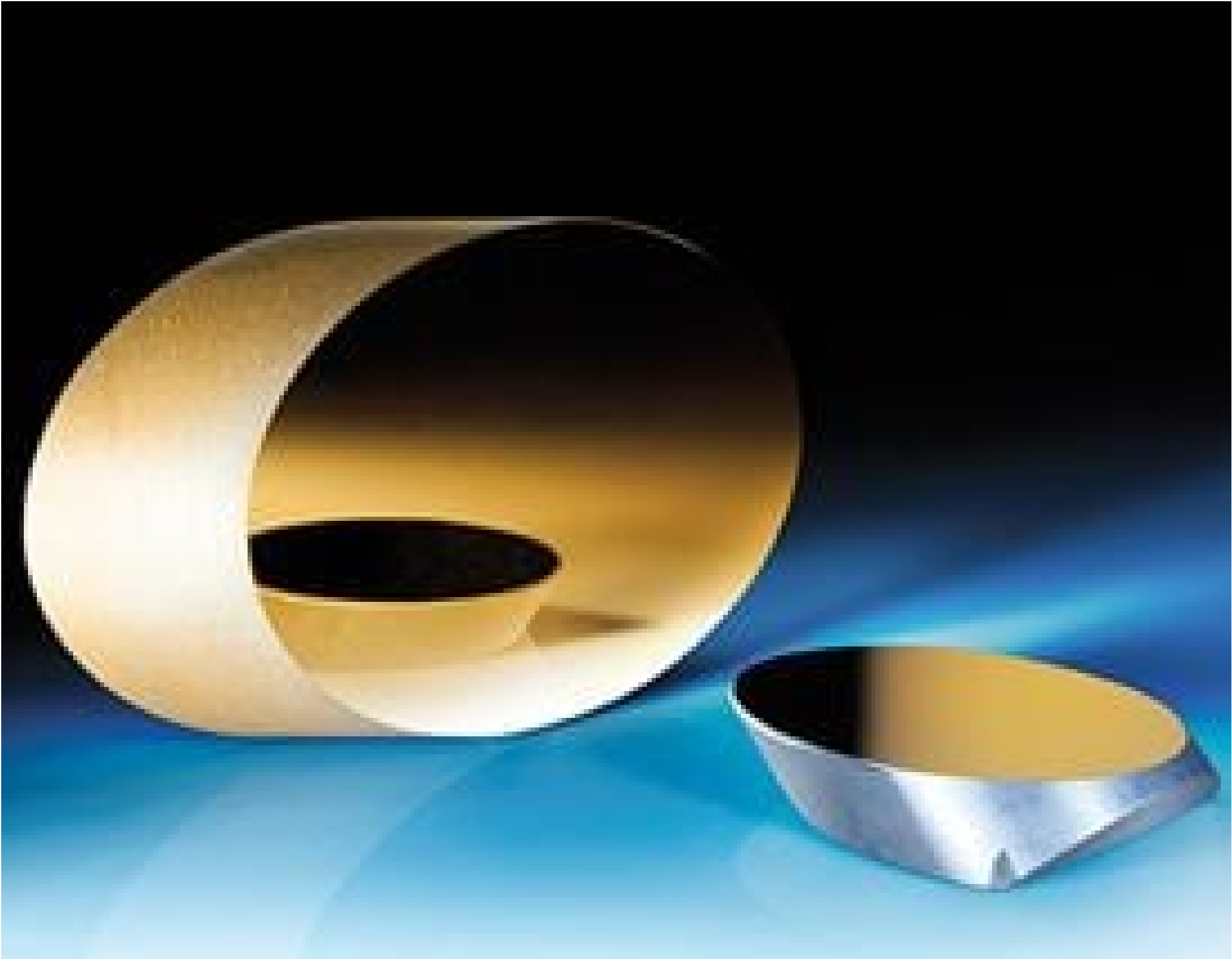


TECHSPEC[®] Elliptical Mirror 12.7mm Minor Axis UV Enhanced Aluminum



Stock **#43-573** 13 In Stock

-

1

+

₹6,968

ADD TO CART

Volume Pricing	
Qty 1-5	₹6,968 each
Qty 6-25	₹5,566 each
Qty 26-49	₹5,216 each
Need More?	Request Quote

Product Downloads

General	
Flat Mirror	Type:
Flatness specification is Peak to Valley	Note:

Physical & Mechanical Properties	
±0.020	Thickness Tolerance (inches):

3.81 ±0.51	Thickness (mm):
11.43 (Minor Axis) 16.15 (Major Axis)	Clear Aperture CA (mm):
±0.015	Dimensional Tolerance (inches):
±0.38	Dimensional Tolerance (mm):
17.96	Major Axis (mm):
12.70	Minor Axis (mm):

Optical Properties	
0.25 - 0.7	Wavelength Range (µm):
Metal	Coating Type:
Enhanced Aluminum (250-700nm)	Coating:
λ/8	Surface Flatness (P-V):
250 - 700	Wavelength Range (nm):
	Substrate: 
R _{avg} >89% @ 250 - 450nm R _{avg} >85% @ 250 - 700nm	Coating Specification:
60-40	Surface Quality:
0.5 J/cm ² @ 355nm, 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

See Figure B in Technical Information tab for dimensional diagram.

- Circular Profile When Oriented at 45°
- Ideal for Redirecting Light
- Multiple Sizes and Coatings Offered

TECHSPEC® λ/8 Precision Elliptical Flat Mirrors are ideal for research and astronomical applications. Because of their elongated major axis, they are suited to bending and folding light at precise angles with minimum wavefront distortion. These mirrors have a circular profile when they are oriented at 45°. TECHSPEC® λ/8 Precision Elliptical Flat Mirrors feature a BOROFLOAT® substrate. Multiple sizes and coating options are offered to best suit a wide range of applications.

Technical Information

Fig.	Minor Axis (mm)	Major Axis (mm)	Thickness (mm)	Stock No.					
				Uncoated	Protected Aluminum	UV Enhanced Aluminum	Enhanced Aluminum	Protected Gold	Protected Silver
B	12.70	17.96	3.81	#32-270	#32-271	#43-573	#32-272	#32-273	#89-454
B	22.23	31.42	6.35	#32-093	#30-836	#43-574	#32-131	#32-085	#89-455
B	26.97	38.15	6.35	#32-094	#30-837	#43-575	#32-132	#32-086	#89-456
A	31.75	44.91	9.53	#32-095	#30-205	#43-576	#32-133	#32-087	#89-457
A	38.10	53.87	9.53	#32-096	#30-258	#43-577	#32-134	#32-088	#89-458
A	47.63	67.36	11.68	#32-097	#30-840	#43-578	#32-135	#32-089	#89-459

