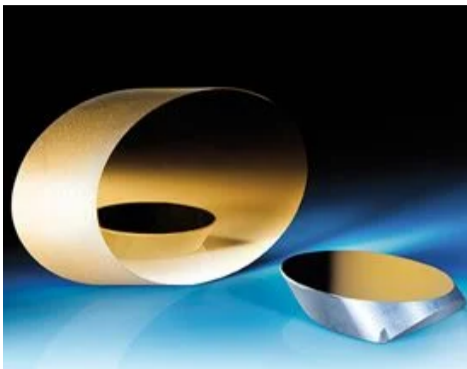


TECHSPEC® Elliptical Mirror 76.2mm Minor Axis Protected Gold



Stock #32-092 10 In Stock

1 MRP ₹64,570

Price inclusive of all taxes

ADD TO CART

Volume Pricing	
Qty 1-5	₹64,570 each
Qty 6-25	₹51,454 each
Qty 26-49	₹48,327 each
Need More?	Request Quote

Product Downloads	
STEP:step	Curve:pdf
PDF Drawing:pdf	IGES:igs
Zemax:zar	Zemax:zmx
eDrawing:eprt	Code V:seq
EO Spec Sheet	Download All

General

Type: Flat Mirror	Note: Flatness specification is Peak to Valley
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Physical & Mechanical Properties

Thickness Tolerance (inches): ±0.060	Thickness (mm): 19.05 ±1.52
Clear Aperture CA (mm): 68.58 (Minor Axis) 97.00 (Major Axis)	Dimensional Tolerance (inches): ±0.020
Dimensional Tolerance (mm): ±0.50	Major Axis (mm): 107.77
Minor Axis (mm): 76.20	

Optical Properties

Wavelength Range (µm): 0.7 - 10	Coating Type: Metal
Coating: Protected Gold (700-10000nm)	Surface Flatness (P-V): λ/8
Wavelength Range (nm): 700 - 10000	Substrate: BOROFLOAT®
Coating Specification: R _{avg} >96% @ 700 - 2000nm R _{avg} >96% @ 2000 - 10,000nm	Surface Quality: 60-40
Damage Threshold, Reference: 0.8 J/cm ² @ 1064nm, 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 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91-80-6845 0000

Need different specs or modifications?

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

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.

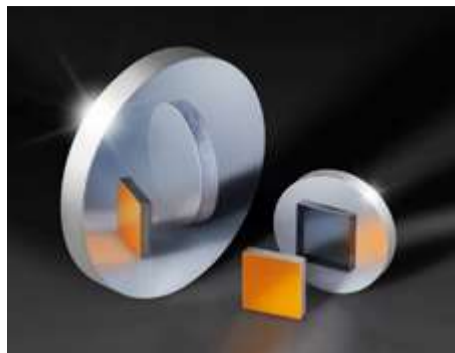
Technical Information

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
B	57.15	80.82	15.88	#32-098	#41-131	#43-579	#32-136	#32-090	#89-460
B	66.68	94.28	15.88	#32-099	#42-583	#43-580	#32-137	#32-091	#89-461
B	76.20	107.77	19.05	#32-100	#42-584	#43-581	#32-138	#32-092	#89-462

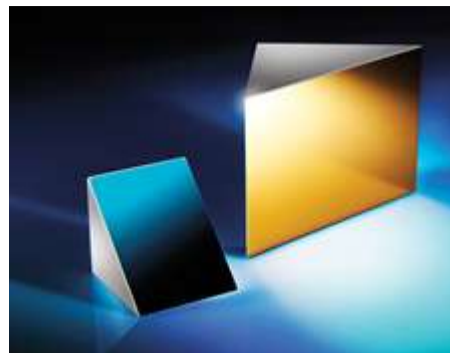
Related Products



Optical Mirror Mounts



Flat Mirrors



Right Angle Prism Mirrors
(Hypotenuse Coated)



Elliptical Plate Beamsplitters

Frequently Purchased Together



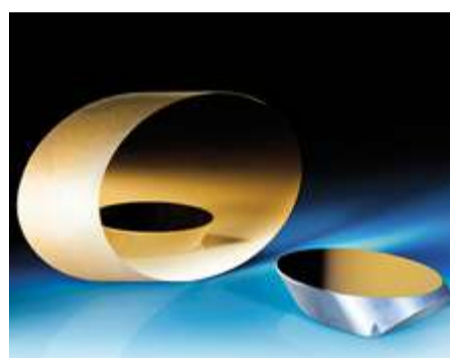
#36-476 - 203.2mm/8.0" Optic Dia.,
Optical Cell Kinematic Mount
₹3,30,919

Qty



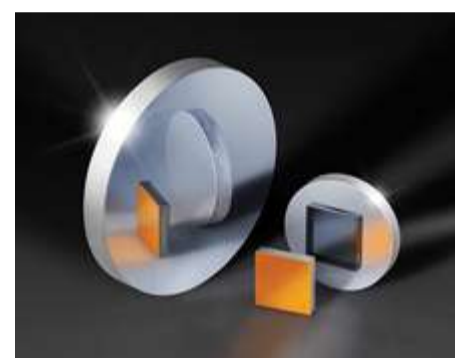
#43-366 - 10mm Dia., 1mm Thick,
Uncoated, Sapphire Window
₹5,007

Qty



#32-138 - Elliptical Mirror 76.2mm
Minor Axis Enhanced Aluminum
₹55,490

Qty



#34-374 - 20mm Dia Protected
Gold, λ/20 Mirror
₹19,774

Qty

Resources

Media Type

- Application Note
- Video
- FAQ
- Glossary

CASE STUDIES

Using IR Spectroscopy for Counterfeit Drug Detection

APPLICATION NOTE

Roughness of Diamond Turned Off-Axis Parabolic...

APPLICATION NOTE

Off-Axis Parabolic Mirror Selection...

VIDEO

Compound Parabolic Concentrators Review

? FAQ

I would like to use your Off-Axis Mirror in a laser...

? FAQ

How are your Off-Axis Parabolic Metal Mirrors...

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