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TECHSPEC®

25.4mm Dia. x 101.6mm EFL, UV Enhanced Aluminum 50Å 90° Off-Axis Mirror



TECHSPEC Aluminum Off-Axis Parabolic Mirrors

 Stock #37-235 **2 In Stock** [Other Coating Options](#)

- 1 +

MRP ₹27,745

Price inclusive of all taxes

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Volume Pricing	
Qty 1-5	₹27,745 each
Qty 6-10	₹25,021 each
Qty 11-25	₹23,710 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:	Off-Axis Parabolic Mirror
Physical & Mechanical Properties	
Y Offset (mm):	101.60
Surface Roughness (Å):	<50 RMS
Diameter (mm):	25.40 +0.0/-0.1
Optical Properties	
Coating Type:	Metal
Coating:	Enhanced Aluminum (250-700nm)
Off-Set Angle (°):	90
Wavelength Range (nm):	250 - 700
Effective Focal Length EFL (mm):	101.60
Substrate:	Aluminum 6061-T6
Coating Specification:	R _{avg} >89% @ 250 - 450nm R _{avg} >85% @ 250 - 700nm
Focal Length Tolerance (%):	±1
Parent Focal Length PFL (mm):	50.8
Surface Figure, RMS:	λ/8
Surface Quality:	80-50
Radius of Curvature (mm):	101.60

Reflected Wavefront, RMS: $\lambda/4$

Threading & Mounting

Compatible Mounting Plates: [#47-111](#)

Regulatory Compliance

RoHS 2015: [Compliant](#)

REACH 201: [Compliant](#)

Certificate of Conformance: [View](#)

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

- Aluminum Coatings for UV, Visible, and NIR Applications
- Range of Surface Roughness, Including 50Å and 100Å
- 15°, 30°, 45°, 60°, or 90° Offset Angle Options
- Gold and Silver Coated Off-Axis Parabolic Mirrors Also Available

TECHSPEC® Aluminum Off-Axis Parabolic Mirrors (OAPs) are a cost-effective solution for focusing incident light with minimal scatter loss. Available with enhanced or protected aluminum coatings, these OAP mirrors offer high reflectivity from the ultraviolet (UV) to the near infrared (NIR). These Aluminum OAPs are manufactured with multiple surface roughness specifications, offering designers the choice between high performance, low scatter mirrors and more cost sensitive options. TECHSPEC® Aluminum Off-Axis Parabolic Mirrors are used in optical systems such as Schlieren and spectroscopy systems, as well as in laser systems to focus laser beams. For increased system integration flexibility, mounting plates that thread to the base of these off-axis parabolic mirrors are available.

Technical Information

Accessories

Note: Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

	Title	Compare	Stock Number	Price	Buy
MORE+	Mounting Plate for 12.7mm Diameter Off-Axis Mirrors		#34-425	₹9,989 Volume Pricing Request Quote	1 In Stock <input type="text" value="1"/>
MORE+	Mounting Plate for 25.4mm Diameter Off-Axis Mirrors		#47-111	₹13,621 Volume Pricing Request Quote	20+ In Stock <input type="text" value="1"/>
MORE+	Mounting Plate for 50.8mm Diameter Off-Axis Mirrors		#47-112	₹14,125 Volume Pricing Request Quote	20+ In Stock <input type="text" value="1"/>
MORE+	Mounting Plate for 76.2mm Diameter Off-Axis Mirrors		#63-375	₹15,639 Volume Pricing Request Quote	4 In Stock <input type="text" value="1"/>
MORE+	Mounting Plate for 6.35mm Diameter Off-Axis Mirrors		#37-943	₹9,989 Volume Pricing Request Quote	CONTACT US <input type="text" value="1"/>
MORE+	Mounting Plate for 101.6mm Diameter Off-Axis Mirrors		#83-977	₹18,160 Volume Pricing Request Quote	5 In Stock <input type="text" value="1"/>

Related Products



Silver Off-Axis Parabolic Mirrors



Off-Axis Parabolic Mirrors with Alignment Through Holes



Ultrafast-Enhanced Silver Coated Off-Axis Parabolic (OAP) Mirrors



High Performance Off-Axis Parabolic Mirrors

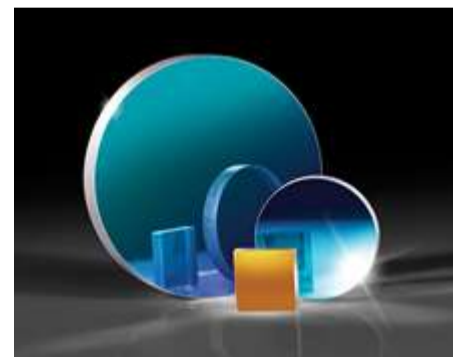
Frequently Purchased Together



#47-111 - Mounting Plate for 25.4mm Diameter Off-Axis Mirrors
₹13,621



#68-827 - α -BBO Rochon Polarizer
₹1,28,635



#84-411 - 30mm Diameter Enhanced Aluminum Coated, $\lambda/10$ Mirror
₹14,730



#37-215 - Basler Ace acA4024-29um USB 3.0 Monochrome Camera
₹52,994

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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