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**TECHSPEC®**

Mounting Plate

Gold Off-Axis Mirrors



1

€180<sup>00</sup>

**ADD TO CART**

Mounting Plate for 101.6mm Diameter Of  
Axis Mirrors, #83-977

Volume Pricing	
Qty 1-5	€180,00 each
Qty 6-10	€162,00 each
Qty 11+	€155,00 each
Need More?	<a href="#">Request Quote</a>

Prices shown are exclusive of VAT/local taxes

Product Downloads

- STEP:step
- PDF Drawing:pdf
- IGES:igs
- eDrawing:eprt
- [Download All](#)

**Physical & Mechanical Properties**

<b>Center Thickness CT (mm):</b>	12.70	<b>Inner Diameter (mm):</b>	57.15
<b>Outer Diameter (mm):</b>	152.40	<b>Dowel Pin Diameter (mm):</b>	4.76

**Threading & Mounting**

<b>Mounting Threads:</b>	Face Mount: 8-32 (screws included) Side Mount: 1/4-20 (screws not included)	<b>Size of Compatible Optics (mm):</b>	101.60
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**Regulatory Compliance**

<b>RoHS 2015:</b>	<b>Compliant</b>	<b>Certificate of Conformance:</b>	<a href="#">View</a>
<b>Reach 247:</b>	<b>Compliant</b>		

**Product Details**

- Bare or Protected Gold Coating for NIR and IR Applications
- 50Å and 100Å Surface Roughness Options
- 15°, 30°, 45°, 60°, or 90° Offset Angles
- Aluminum and Silver Coated Mirrors Also Available

TECHSPEC® Gold Off-Axis Parabolic Mirrors (OAPs) are designed for minimal scatter loss in light focusing applications. Available with bare or protected gold coatings, these OAP mirrors offer excellent reflectivity from the near infrared (NIR) to the far infrared (IR). Multiple surface roughness options are available in offset angles from 15 to 90°, providing flexibility for system designs. TECHSPEC® Gold Off-Axis Parabolic Mirrors are commonly used in IR systems such as FLIR and FTIR, as well as IR lasers including quantum cascade lasers (QCLs). Mounting plates with holes perpendicular to the optical axis for post mounting are also available.

# Technical Information

Please select your shipping country to view the most accurate inventory information, and to determine the correct Edmund Optics sales office for your order.

**Select Your Country/Region:**

These optics require special handling to avoid damage and ensure long-term performance. Proper handling, cleaning, and storage are essential to maintain optical quality. Explore our [Optics Cleaning Resources](#) for step-by-step guides and best practices. For personalized assistance, [Email us](#) or [Chat](#) with our technical support team.



**Component Handling Tools**

## 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
<a href="#">MORE+</a>	Mounting Plate for 6.35mm Diameter Off-Axis Mirrors		#37-943	€99,00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	<a href="#">CONTACT US</a> 1
<a href="#">MORE+</a>	Mounting Plate for 12.7mm Diameter Off-Axis Mirrors		#34-425	€99,00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	12 In Stock 1
<a href="#">MORE+</a>	Mounting Plate for 25.4mm Diameter Off-Axis Mirrors		#47-111	€135,00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	20+ In Stock 1
<a href="#">MORE+</a>	Mounting Plate for 50.8mm Diameter Off-Axis Mirrors		#47-112	€140,00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	20+ In Stock 1
<a href="#">MORE+</a>	Mounting Plate for 76.2mm Diameter Off-Axis Mirrors		#63-375	€155,00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	5 In Stock 1
<a href="#">MORE+</a>	Mounting Plate for 101.6mm Diameter Off-Axis Mirrors		#83-977	€180,00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	8 In Stock 1

## Related Products



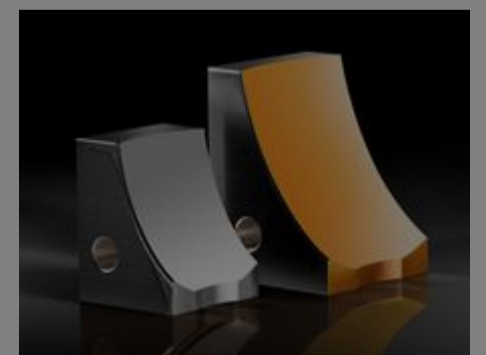
Aluminum Off-Axis Parabolic Mirrors



Silver Off-Axis Parabolic Mirrors

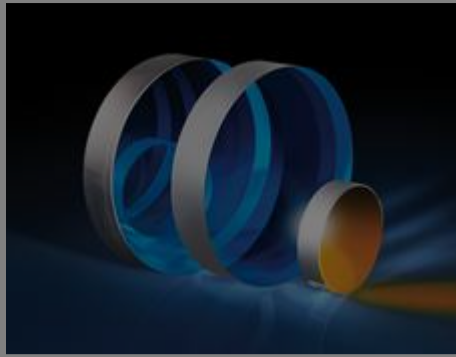


Off-Axis Parabolic Mirrors with Alignment Through Holes



Off-Axis Ellipsoidal Mirrors

## Frequently Purchased Together



#01-611-522 - 4" Dia. Protected Aluminum,  $\lambda/10$  Flat Fused Silica  
€1.000,00

Qty

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**Select Your Country/Region:**



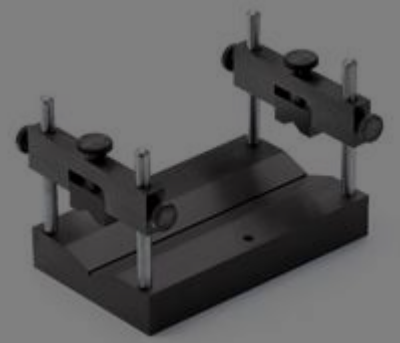
#01-611-566 - 4" Dia. Protected Gold,  $\lambda/10$  Flat Fused Silica  
€1.095,00

Qty



#01-915-522 - 3" Dia. Protected Aluminum,  $\lambda/10$  Flat Fused Silica  
€585,00

Qty



#03-665 - V-Block Base with Clamps  
€305,00

Qty

## Resources

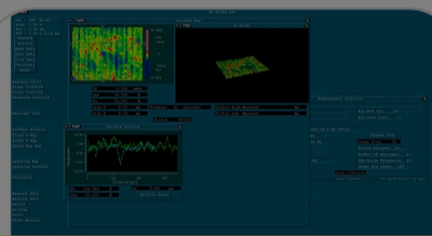
### Media Type

- Application Note
- Video
- FAQ
- Glossary



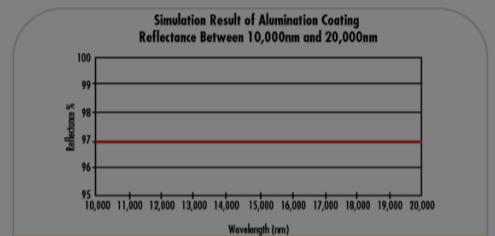
#### CASE STUDIES

Using IR Spectroscopy for Counterfeit Drug Detection



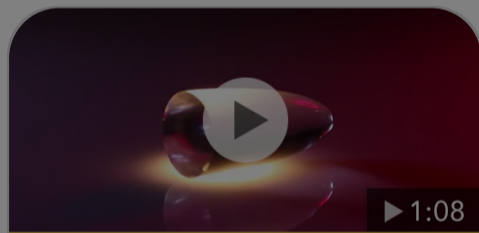
#### APPLICATION NOTE

Roughness of Diamond Turned Off-Axis Parabolic...



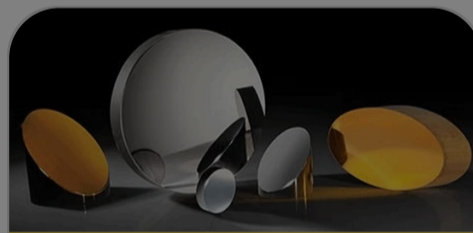
#### APPLICATION NOTE

Off-Axis Parabolic Mirror Selection...



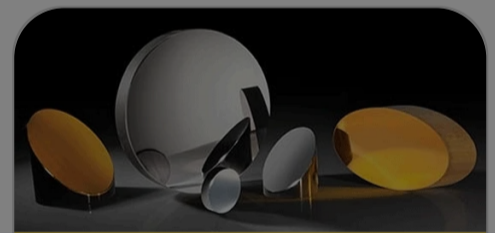
#### VIDEO

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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