

**TECHSPEC® 12.7mm Dia. x 12.7mm EFL, Protected Gold 50Å 90° Off-Axis Mirror**



TECHSPEC Gold Off-Axis Parabolic Mirrors

Stock **#37-270** 3-5 DAYS

[Other Coating Options](#)

- 1 + **A\$400.00**

ADD TO CART

Qty 1-5

A\$400.00

Qty 6+

A\$360.00

Volume Pricing

[Request Quote](#)

Get Product Downloads



Type:  
Off-Axis Parabolic Mirror

Diameter (mm):  
12.70 +0.0/-0.1

Effective Focal Length EFL (mm):

|                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12.70                                                                                                                                                     |
| <b>Focal Length Tolerance (%):</b><br>±1                                                                                                                  |
| <b>Radius of Curvature (mm):</b><br>12.70                                                                                                                 |
| <b>Coating:</b><br>Protected Gold (700-10000nm)                                                                                                           |
| <b>Coating Type:</b><br>Metal                                                                                                                             |
| <b>Coating Specification:</b><br>R <sub>avg</sub> ≥94% @ 700 - 800nm<br>R <sub>avg</sub> ≥97% @ 800 - 2,000nm<br>R <sub>avg</sub> ≥98% @ 2,000 - 12,000nm |
| <b>Off-Set Angle (°):</b><br>90                                                                                                                           |
| <b>Parent Focal Length PFL (mm):</b><br>6.35                                                                                                              |
| <b>Surface Figure, RMS:</b><br>λ/8                                                                                                                        |
| <b>Surface Roughness (Angstroms):</b><br><50 RMS                                                                                                          |
| <b>Wavelength Range (nm):</b><br>700 - 10000                                                                                                              |
| <b>Surface Quality:</b><br>80-50                                                                                                                          |
| <b>Compatible Mounting Plates:</b><br><a href="#">#34-425</a>                                                                                             |
| <b>Substrate:</b><br>Aluminum 6061-T6                                                                                                                     |
| <b>Y Offset (mm):</b><br>12.70                                                                                                                            |
| <b>Reflected Wavefront, RMS:</b><br>λ/4                                                                                                                   |

Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Reach 209:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |