

TECHSPEC<sup>®</sup> 25.4 x 272.2mm EFL 30° Bare Gold 100Å Off-Axis Parabolic Mirror



TECHSPEC Gold Off-Axis Parabolic Mirrors

Stock #35-612 3-4 DAYS

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1

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Type:  
Off-Axis Parabolic Mirror

Diameter (mm):  
25.40 +0.00/-0.38

|                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Effective Focal Length EFL (mm):</b><br>272.24                                                                                                         |
| <b>Focal Length Tolerance (%):</b><br>±1                                                                                                                  |
| <b>Radius of Curvature (mm):</b><br>508.00                                                                                                                |
| <b>Coating:</b><br>Bare Gold                                                                                                                              |
| <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>30                                                                                                                           |
| <b>Parent Focal Length PFL (mm):</b><br>254.00                                                                                                            |
| <b>Surface Figure, RMS:</b><br>λ/4                                                                                                                        |
| <b>Surface Roughness (Angstroms):</b><br><100 RMS                                                                                                         |
| <b>Wavelength Range (nm):</b><br>700 - 12000                                                                                                              |
| <b>Clear Aperture (%):</b><br>90                                                                                                                          |
| <b>Surface Quality:</b><br>80-50                                                                                                                          |
| <b>Compatible Mounting Plates:</b><br><a href="#">#47-111</a>                                                                                             |
| <b>Substrate:</b><br>Aluminum 6061-T6                                                                                                                     |
| <b>Y Offset (mm):</b><br>136.12                                                                                                                           |
| <b>Reflected Wavefront, RMS:</b><br>λ/2                                                                                                                   |

Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |
| <b>Reach 235:</b><br><a href="#">Compliant</a>             |