

TECHSPEC®

800-1150nm, 15mm Diameter Ultrafast-Enhanced Silver Coated, λ/10 Mirror



Stock #22-012 

3-5 DAYS

-

1

+

A\$161.60

ADD TO CART

Qty 1-5

A\$161.60

Qty 6+

A\$128.80

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Diameter (mm):  
15.00 +0.00/-0.20

Surface Flatness (P-V):  
λ/10 (measured before coating)

Substrate: 

[Fused Silica](#)

 (Corning 7980)

Back Surface:

|                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Commercial Polish                                                                                                                                                  |
| <b>Surface Quality:</b><br>20-10                                                                                                                                   |
| <b>Dimensional Tolerance (mm):</b><br>+0.00/-0.20                                                                                                                  |
| <b>Coating Specification:</b><br>R <sub>avg</sub> >99% @ 850 - 1150nm, 0°<br>R <sub>s</sub> >99% @ 800 - 1150nm, 45°<br>R <sub>p</sub> >98.5% @ ~850 - 1100nm, 45° |
| <b>Coating:</b><br>Ultrafast-Enhanced Silver (800-1150nm)                                                                                                          |
| <b>Coating Type:</b><br>Ultrafast-Enhanced Silver                                                                                                                  |
| <b>Bevel:</b><br>Protective bevel as needed                                                                                                                        |
| <b>Clear Aperture (%):</b><br>90                                                                                                                                   |
| <b>Edges:</b><br>Ground                                                                                                                                            |
| <b>Parallelism (arcsec):</b><br>30                                                                                                                                 |
| <b>Thickness (mm):</b><br>3.00 ±0.20                                                                                                                               |
| <b>Type:</b><br>Flat Mirror                                                                                                                                        |
| <b>Wavelength Range (µm):</b><br>0.80 - 1.15                                                                                                                       |
| <b>Wavelength Range (nm):</b><br>800 - 1150                                                                                                                        |
| <b>GDD Specification:</b><br>0 ±30fs <sup>2</sup> @ 800 - 1150nm                                                                                                   |
| <b>Damage Threshold, Reference:</b> <input type="checkbox"/><br>0.15 J/cm <sup>2</sup> , 1030 nm, 100 fs FWHM, S-Pol, 1000 Pulses                                  |

## Regulatory Compliance

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