

TECHSPEC®

# 75mm Diameter Enhanced Aluminum Coated, λ/10 Mirror



Stock #84-415 ☒ In Stock

-

1

+

C\$455.00

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| Qty 1-5                       |
| C\$455.00                     |
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Diameter (mm):  
75.00 +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>+0.0/-0.20                                                                                                              |
| <b>Coating Specification:</b><br>R <sub>avg</sub> >95% @450 - 650nm                                                                                           |
| <b>Coating:</b><br>Enhanced Aluminum (450-650nm)                                                                                                              |
| <b>Coating Type:</b><br>Metal                                                                                                                                 |
| <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>7.50 ±0.20                                                                                                                          |
| <b>Type:</b><br>Flat Mirror                                                                                                                                   |
| <b>Wavelength Range (µm):</b><br>0.45 - 0.65                                                                                                                  |
| <b>Wavelength Range (nm):</b><br>450 - 650                                                                                                                    |
| <b>Damage Threshold, Reference:</b> <br>0.2 J/cm <sup>2</sup> @532nm, 10ns |

### 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>             |