

**TECHSPEC® 12.5mm Dia. 1° Nom. Fused Silica Wedge Prism 1064nm Laser V-Coat**



TECHSPEC Fused Silica Wedge Prisms

Stock **#39-124** 3-4 DAYS



1



€145,00

ADD TO CART

Qty 1-5

€145,00

Qty 6+

€116,00

Volume Pricing

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**Coating:**  
Laser V-Coat (1064nm)

**Angle Tolerance (arcsec):**  
30

**Bevel:**  
Protective bevel as needed

|                                                                                                               |
|---------------------------------------------------------------------------------------------------------------|
| <div>Coating Specification:<br/>Rabs &lt;0.25% @ 1064nm</div>                                                 |
| <div>Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C):<br/>0.52</div>                                |
| <div>Design Wavelength DWL (nm):<br/>1064</div>                                                               |
| <div>Diameter (mm):<br/>12.50</div>                                                                           |
| <div>Image Orientation:<br/>Beam Deviation</div>                                                              |
| <div>Power (diopters):<br/>1.74</div>                                                                         |
| <div>Ray Deviation @ 355nm (°):<br/>1.00</div>                                                                |
| <div>Substrate: <div>Fused Silica</div> (Coming 7980)</div>                                                   |
| <div>Surface Quality:<br/>20-10</div>                                                                         |
| <div>Thickness (mm):<br/>1.50</div>                                                                           |
| <div>Wedge Angle:<br/>2° 5'56"</div>                                                                          |
| <div>Note:<br/>Specificy this is S1 &amp; S2 power and irregularity, not the overall power of the wedge</div> |
| <div>Damage Threshold, By Design: <div>15 J/cm<sup>2</sup> @ 1064nm, 20ns, 20Hz</div></div>                   |
| <div>Power (fringes) @ 632.8nm:<br/>0.50</div>                                                                |
| <div>Irregularity (fringes) @ 632.8nm:<br/>0.20</div>                                                         |

## Regulatory Compliance

|                                                 |
|-------------------------------------------------|
| <div>RoHS 2015:<br/>Compliant</div>             |
| <div>Reach 209:<br/>Compliant</div>             |
| <div>Certificate of Conformance:<br/>View</div> |