

**TECHSPEC® 12.5mm Dia. 2° Nom. Fused Silica Wedge Prism Uncoated**



TECHSPEC Fused Silica Wedge Prisms

Stock **#35-845** CLEARANCE 3-5 DAYS

-

1

+

**A\$118.32**

ADD TO CART

Qty 1+

A\$118.32

Volume Pricing

[Request Quote](#)

Get Product Downloads



**Coating:**  
Uncoated

**Angle Tolerance (arcsec):**  
30

**Bevel:**  
Protective bevel as needed

**Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C):**  
0.52

**Design Wavelength DWL (nm):**

|                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------|
| 355                                                                                                                                                |
| <b>Diameter (mm):</b><br>12.50 +0.00/-0.10                                                                                                         |
| <b>Image Orientation:</b><br>Beam Deviation                                                                                                        |
| <b>Power (diopters):</b><br>3.49                                                                                                                   |
| <b>Ray Deviation @ 355nm (°):</b><br>2.00                                                                                                          |
| <b>Substrate:</b> <br><a href="#">Fused Silica</a> (Corning 7980) |
| <b>Surface Flatness (P-V):</b><br>λ/10                                                                                                             |
| <b>Surface Quality:</b><br>20-10                                                                                                                   |
| <b>Thickness (mm):</b><br>1.50                                                                                                                     |
| <b>Type:</b><br>Wedge Prism                                                                                                                        |
| <b>Wavelength Range (nm):</b><br>200 - 2200                                                                                                        |
| <b>Wedge Angle:</b><br>4° 11'14"                                                                                                                   |
| <b>Note:</b><br>Specify this is S1 & S2 power and irregularity, not the overall power of the wedge                                                 |
| <b>Power (fringes) @ 632.8nm:</b><br>0.50                                                                                                          |
| <b>Irregularity (fringes) @ 632.8nm:</b><br>0.20                                                                                                   |

Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Reach 219:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |