

**TECHSPEC® 6° Nom. VIS-NIR Coated, N-BK7 Wedge Prism**



Stock **#45-561** ☐ In Stock

-

1

+

**C\$84.00**

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**Coating:**  
VIS-NIR (400-1000nm)

**Angle Tolerance (arcsec):**  
±30

**Bevel:**  
Protective bevel as needed

**Coating Specification:**

R<sub>abs</sub> ≤0.25% @ 880nm  
R<sub>avg</sub> ≤1.25% @ 400 - 870nm  
R<sub>avg</sub> ≤1.25% @ 890 - 1000nm

Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C):  
7.1

Design Wavelength DWL (nm):  
632.8

Diameter (mm):  
25.00 +0.00/-0.10

Image Orientation:  
Beam Deviation

Power (diopters):  
10.51

Ray Deviation @ 633nm (°):  
6.00

Substrate:   
[N-BK7](#)

Surface Flatness (P-V):  
λ/10

Surface Quality:  
20-10

Thickness (mm):  
3.00

Type:  
Wedge Prism

Wavelength Range (nm):  
400 - 1000

Wedge Angle:  
11° 21'

Maximum Edge Thickness (mm):  
8.0

Damage Threshold, By Design:   
5 J/cm<sup>2</sup> @ 532nm, 10ns

## Regulatory Compliance

RoHS 2015:  
[Compliant](#)

Certificate of Conformance:  
[View](#)

Reach 235:  
[Compliant](#)