

TECHSPEC® 12° Nom. VIS-NIR Coated, N-BK7 Wedge Prism



Stock #47-623

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+

A\$96.00

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Coating:

VIS-NIR (400-1000nm)

Angle Tolerance (arcsec):

±30

Bevel:

Protective bevel as needed

Coating Specification:

R_{abs} ≤0.25% @ 880nm
R_{avg} ≤1.25% @ 400 - 870nm
R_{avg} ≤1.25% @ 890 - 1000nm

Coefficient of Thermal Expansion CTE (10⁻⁶/°C):
7.1

Design Wavelength DWL (nm):
632.8

Diameter (mm):
25.00 +0.00/-0.10

Image Orientation:
Beam Deviation

Power (diopters):
21.26

Ray Deviation @ 633nm (°):
12.00

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:
21° 10'

Maximum Edge Thickness (mm):
12.7

Damage Threshold, By Design: 
5 J/cm² @ 532nm, 10ns

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Certificate of Conformance:
[View](#)

Reach 235:
[Compliant](#)