

TECHSPEC®

0.5° Nom. 12.5mm Dia. VIS 0°, N-BK7 Wedge Prism



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1

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£40.38

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Coating:

VIS 0° (425-675nm)

Angle Tolerance (arcsec):

±30

Bevel:

Protective bevel as needed

Coating Specification: R_{avg} ≤0.4% @ 425 - 675nm
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 7.1
Design Wavelength DWL (nm): 632.8
Diameter (mm): 12.50 +0.00/-0.10
Edge Thickness ET (mm): 1.5
Image Orientation: Beam Deviation
Power (diopters): 0.87
Ray Deviation @ 633nm (°): 0.50
Substrate: ☐ N-BK7
Surface Quality: 20-10
Thickness (mm): 1.50
Type: Wedge Prism
Wavelength Range (nm): 425 - 675
Wedge Angle: 0° 58'
Note: Specificy this is S1 & S2 power and irregularity, not the overall power of the wedge
Power (fringes) @ 632.8nm: 0.50
Irregularity (fringes) @ 632.8nm: 0.20

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant