

TECHSPEC[®] 4° Nom. 12.5mm Dia. VIS-NIR, N-BK7 Wedge Prism



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1

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£42.50

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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): 12.50 +0.00/-0.10
Edge Thickness ET (mm): 1.5
Image Orientation: Beam Deviation
Power (diopters): 6.99
Ray Deviation @ 633nm (°): 4.00
Substrate: ☐ N-BK7
Surface Flatness (P-V): λ/10
Surface Quality: 20-10
Thickness (mm): 1.50
Type: Wedge Prism
Wavelength Range (nm): 400 - 1000
Wedge Angle: 7° 41'
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