

TECHSPEC® 8° Nom. 12.5mm Dia. Uncoated, N-BK7 Wedge Prism



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Coating:
Uncoated

Angle Tolerance (arcsec):
±30

Bevel:
Protective bevel as needed

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): 14.05
Ray Deviation @ 633nm (°): 8.00
Substrate: ☐ N-BK7
Surface Quality: 20-10
Thickness (mm): 1.50
Type: Wedge Prism
Wavelength Range (nm): 350 - 2200
Wedge Angle: 14° 51'
Note: Specify 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
Reach 219: Compliant
Certificate of Conformance: View