

TECHSPEC® 12.5mm Dia. 1.5° Nom. Fused Silica Wedge Prism Uncoated



TECHSPEC Fused Silica Wedge Prisms

Stock **#35-844** 3-5 DAYS

⊖ 1 ⊕ **A\$180.00**

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Qty 1-5

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Coating:

Uncoated

Angle Tolerance (arcsec):

30

Bevel:

Protective bevel as needed

Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 0.52
Design Wavelength DWL (nm): 355
Diameter (mm): 12.50 +0.00/-0.10
Image Orientation: Beam Deviation
Power (diopters): 2.62
Ray Deviation @ 355nm (°): 1.50
Substrate: ☐ Fused Silica (Corning 7980)
Surface Flatness (P-V): λ/10
Surface Quality: 20-10
Thickness (mm): 1.50
Type: Wedge Prism
Wavelength Range (nm): 200 - 2200
Wedge Angle: 3° 8'42"
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