

TECHSPEC® 12.5mm Dia. 2.5° Nom. Fused Silica Wedge Prism UV-VIS Coated



TECHSPEC Fused Silica Wedge Prisms

Stock **#35-853** CLEARANCE ☐ In Stock

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Coating:
UV-VIS (250-700nm)

Angle Tolerance (arcsec):
30

Bevel:
Protective bevel as needed

Coating Specification:
R_{abs} ≤1.0% @ 350 - 450nm
R_{avg} ≤1.5% @ 250 - 700nm

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): 4.37
Ray Deviation @ 355nm (°): 2.50
Substrate: ☐ Fused Silica (Coming 7980)
Surface Flatness (P-V): λ/10
Surface Quality: 20-10
Thickness (mm): 1.50
Type: Wedge Prism
Wavelength Range (nm): 250 - 700
Wedge Angle: 5° 13'29"
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
Reach 224: Compliant
Certificate of Conformance: View