

TECHSPEC®

12.5mm Aluminum & UV-VIS, Fused Silica High Tolerance RA Prism



TECHSPEC High Tolerance UV Fused Silica Right Angle Prisms

Stock **#47-802** ☐ In Stock

-

1

+

C\$176.40

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Qty 1-5

C\$176.40

Qty 6+

C\$158.76

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Angle Tolerance (arcsec):
±40

Coating:
UV-VIS & Aluminized

Substrate: ☐
[Fused Silica](#) (Corning 7980)

Surface Quality: 20-10
Type: Right Angle Prism
Dimensional Tolerance (mm): +0.0/-0.1
Bevel: Protective bevel as needed
Length of Hypotenuse (mm): 17.70
Length of Legs (mm): 12.50
Pyramid Tolerance (arcmin): ±1
Image Orientation: Left-Handed
Coating Specification: Legs: R _{abs} ≤1.0% @ 350 - 450nm, R _{avg} ≤1.5% @ 250 - 700nm Hypotenuse: R _{avg} >85% @ 400 - 700nm w/Black Overpaint
Wavelength Range (nm): 250 - 700
Surface Flatness (P-V): λ/10
Damage Threshold, By Design: ☐ Hypotenuse: 0.3 J/cm ² @ 532 & 1064nm, 10ns Legs: 3 J/cm ² @ 355nm, 10ns; 5 J/cm ² @ 532nm, 10ns

Regulatory Compliance

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