

TECHSPEC®

25mm Aluminum & UV-VIS, Ultra Precision UV Fused Silica Right Angle Prism



Stock #39-845

3-4 DAYS



1



£308.55

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Qty 1-5

£308.55

Qty 6+

£277.69

Volume Pricing

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Angle Tolerance (arcsec):

±15

Coating:

UV-VIS & Aluminized

Substrate:

[Fused Silica](#) (Coming 7980)

Surface Quality: 20-10
Type: Right Angle Prism
Dimensional Tolerance (mm): +0.00/-0.10
Bevel: Protective bevel as needed
Clear Aperture (%): 90
Length of Hypotenuse (mm): 35.40
Length of Legs (mm): 25.00
Pyramid Tolerance (arcmin): ±1
Image Orientation: Left-Handed
Coating Specification: Legs: $R_{\text{abs}} \leq 1.0\%$ @ 350 - 450nm, $R_{\text{avg}} \leq 1.5\%$ @ 250 - 700nm Hypotenuse: $R_{\text{avg}} > 85\%$ @ 400 - 700nm, $R_{\text{avg}} > 90\%$ @ 400 - 2000nm w/Black Overpaint
Wavelength Range (nm): 250 - 700
Surface Flatness (P-V): $\lambda/20$
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