

TECHSPEC®

20mm Aluminum & UV-VIS, Ultra Precision UV Fused Silica Right Angle Prism



Stock #39-844 ☐ In Stock

-

1

+

C\$457.80

ADD TO CART

Qty 1-5

C\$457.80

Qty 6+

C\$412.02

Volume Pricing

[Request Quote](#)

Get Product Downloads



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): 28.30
Length of Legs (mm): 20.00
Pyramid Tolerance (arcmin): ±1
Image Orientation: Left-Handed
Coating Specification: Legs: $R_{abs} \leq 1.0\%$ @ 350 - 450nm, $R_{avg} \leq 1.5\%$ @ 250 - 700nm Hypotenuse: $R_{avg} > 85\%$ @ 400 - 700nm, $R_{avg} > 90\%$ @ 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