

TECHSPEC® 5mm UV-AR Coated and Aluminized, Fused Silica Penta Prism



Stock **#49-020** CLEARANCE ☐ In Stock

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1

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Coating:
UV-AR & Aluminized

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

Surface Quality:
20-10

Type:
Penta Prism

Dimensional Tolerance (mm):
±0.10

Angle Tolerance (arcmin): ±1
Bevel: Protective bevel as needed
Length of Legs (mm): 5.00
Image Orientation: Right-Handed
Coating Specification: Entrance/Exit Faces: R _{abs} ≤1.0% @ 250 - 425nm, R _{avg} ≤0.75% @ 250 - 425nm, R _{avg} ≤0.5% @ 370 - 420nm Reflecting Surfaces: R _{avg} >85% @ 250 - 700nm w/Black Overpaint
Ray Deviation (°): 90
Wavelength Range (nm): 250 - 425
Surface Flatness (P-V): λ/10
Damage Threshold, By Design: ☐ Entrance/Exit Faces: 3 J/cm ² @ 355nm, 10ns Reflecting Surfaces: 0.3 J/cm ² @ 532nm & 1064nm, 10ns

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View