

TECHSPEC® 10mm Schmidt-Pechan Prism



TECHSPEC® Pechan Prism

Stock **#36-038** **20+ In Stock**

⊖ 1 ⊕ C\$628⁰⁰

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Volume Pricing	
Qty 1-5	C\$628.60 each
Qty 6-25	C\$502.60 each
Qty 26-99	C\$470.40 each
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General

Schmidt-Pechan Prism **Type:**

Physical & Mechanical Properties

20.2 **Height (mm):**

12.99 **Thickness (mm):**

±0.1 Dimensional Tolerance (mm):

14.00 Width (mm):

Optical Properties

VS 0° & Aluminized Coating:

N-BK7 Substrate: □

40-20 Surface Quality:

Right-Handed Image Orientation:

Entrance/Exit Faces: $R_{avg} \leq 0.4\%$ @ 425 - 675nm
Roof: $R_{avg} > 85\%$ @ 400 - 700nm w/Black Overpaint

0 Ray Deviation (°):

400 - 700 Wavelength Range (nm):

±10 Ray Deviation Tolerance (arcmin):

1.00 Power (fringes) @ 632.8nm:

0.25 Irregularity (fringes) @ 632.8nm:

Regulatory Compliance

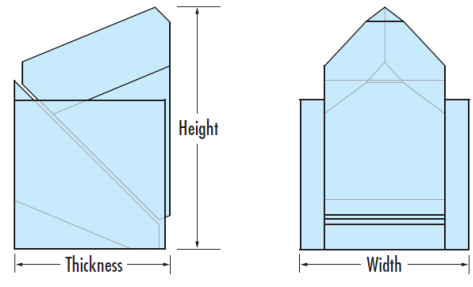
View Certificate of Conformance:

Product Details

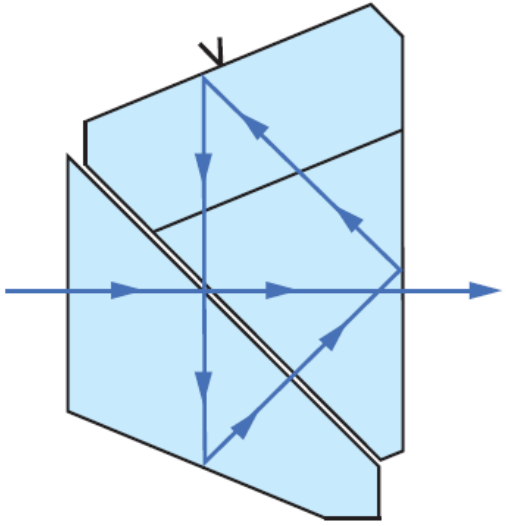
- Provides Inline Image Rotation of 180°
- Compact Design for OEM Integration
- Air Spaced for Optimal Performance

TECHSPEC® Schmidt-Pechan Prisms leverage Edmund Optics' manufacturing expertise to deliver a precision inline instrumentation prism to rotate an image by 180 degrees. This image rotation is employed in many direct view applications and replaces a relay prism or lens system for a more compact optical train. Overall clarity of the system is ensured by adding both an anti-reflective and metallic coating to each prism. The TECHSPEC® Schmidt-Pechan Prisms feature 5 arcsecond roof angle tolerances to maintain image resolution.

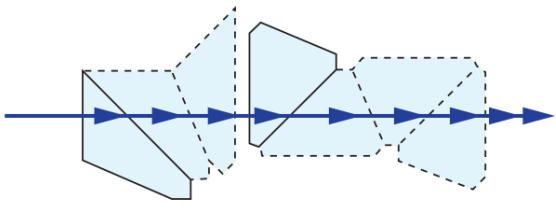
Technical Information



#36-038



Schmidt-Pechan Prism Ray Path



Schmidt-Pechan Prism Tunnel Diagram

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