

**TECHSPEC® 25mm Schmidt-Pechan Prism**



TECHSPEC® Pechan Prism

Stock #36-039 **1 In Stock**

⊖ 1 ⊕ €562.<sup>00</sup>

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Volume Pricing	
Qty 1-5	€562,00 each
Qty 6-25	€450,00 each
Qty 26-99	€421,00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

Schmidt-Pechan Prism **Type:**

**Physical & Mechanical Properties**

50.45 **Height (mm):**

**Thickness (mm):**

32.04

±0.1 Dimensional Tolerance (mm):

29.00 Width (mm):

### Optical Properties

MS 0° & Aluminized Coating:

N-BK7 Substrate: □

40-20 Surface Quality:

Right-Handed Image Orientation:

Coating Specification:  
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

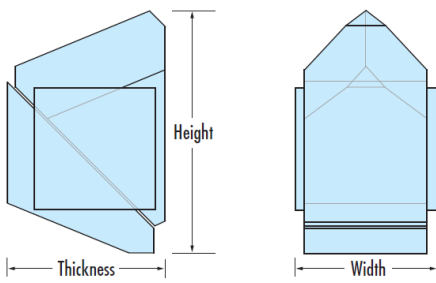
View Certificate of Conformance:

## Product Details

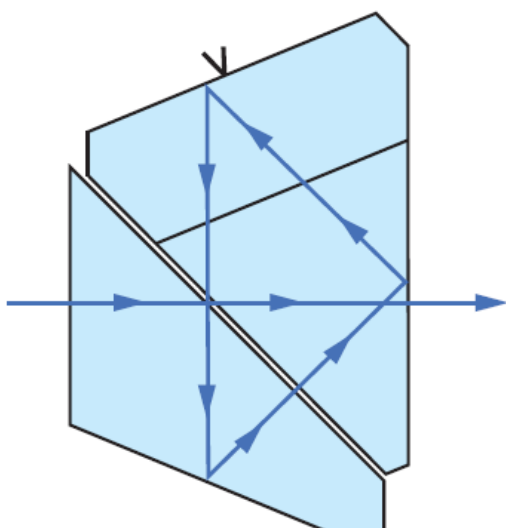
- Provides Inline Image Rotation of 180°
- Compact Design for OEM Integration
- Air Spaced for Optimal Performance

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.

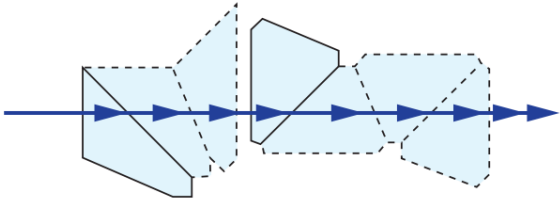
## Technical Information



#36-039



Schmidt-Pechan Prism Ray Path



Schmidt-Pechan Prism Tunnel Diagram

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