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**TECHSPEC® 10mm Schmidt-Pechan Prism**



TECHSPEC® Pechan Prism

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

MRP ₹45,300

**Price inclusive of all taxes**

**ADD TO CART**

Volume Pricing	
Qty 1-5	₹45,300 each
Qty 6-25	₹36,220 each
Qty 26-99	₹33,899 each
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**General**

Schmidt-Pechan Prism **Type:**

**Physical & Mechanical Properties**

20.2 **Height (mm):**

**Thickness (mm):**

12.99

**Dimensional Tolerance (mm):**

±0.1

**Width (mm):**

14.00

## Optical Properties

**Coating:**

VIS 0° & Aluminized

**Substrate:**

**N-BK7**

**Surface Quality:**

40-20

**Image Orientation:**

Right-Handed

**Coating Specification:**

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

**Ray Deviation (°):**

0

**Wavelength Range (nm):**

400 - 700

**Ray Deviation Tolerance (arcmin):**

±10

**Power (fringes) @ 632.8nm:**

1.00

**Irregularity (fringes) @ 632.8nm:**

0.25

## Regulatory Compliance

**Certificate of Conformance:**

[View](#)

**Country of Origin:**

United States

**Imported By:**

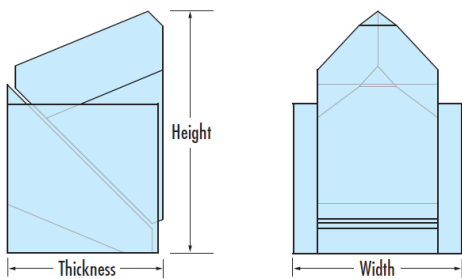
Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91-80-6845 0000

## Product Details

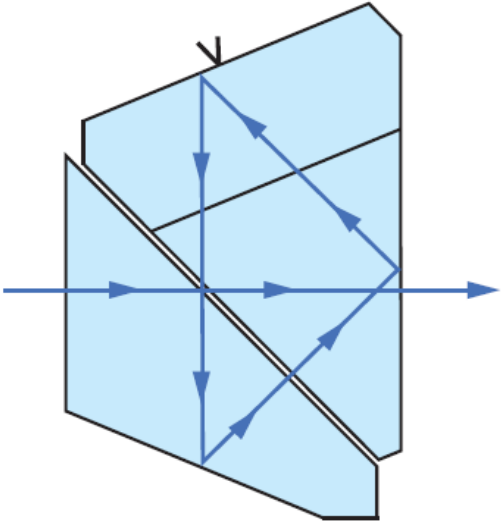
- Provides Inline Image Rotation of 180°
- Compact Design for OEM Integration
- Air Spaced for Optimal Performance

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.

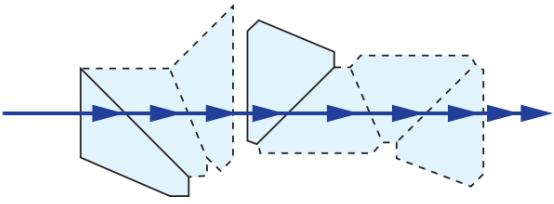
## Technical Information



#36-038



*Schmidt-Pechan Prism Ray Path*



*Schmidt-Pechan Prism Tunnel Diagram*

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