

TECHSPEC® 10mm Schmidt-Pechan Prism



TECHSPEC® Pechan Prism

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

MRP ₹45,300

Price inclusive of all taxes

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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:

MS 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:

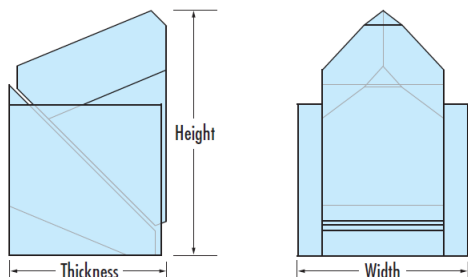
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

Product Details

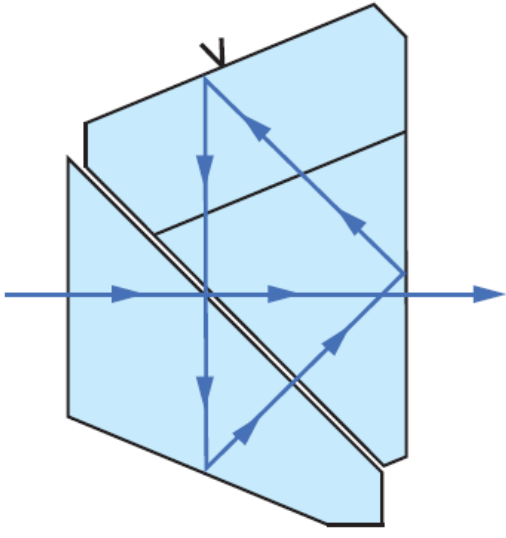
- Provides Inline Image Rotation of 180°
- Compact Design for OEM Integration
- Air Spaced for Optimal Performance

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.

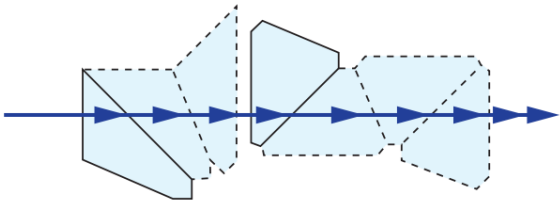
Technical Information



#36-038



Schmidt-Pechan Prism Ray Path



Schmidt-Pechan Prism Tunnel Diagram