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TECHSPEC® 25mm Schmidt-Pechan Prism

TECHSPEC® Pechan Prism

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

- 1 +

MRP ₹56,700

Price inclusive of all taxes

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Volume Pricing	
Qty 1-5	**₹56,700** each
Qty 6-25	**₹45,401** each
Qty 26-99	**₹42,475** each
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General

Type:

Schmidt-Pechan Prism

Physical & Mechanical Properties

Height (mm):

50.45

Thickness (mm):

32.04

Dimensional Tolerance (mm):
±0.1

Width (mm):
29.00

Optical Properties

Coating:
VIS 0° & Aluminized

Substrate:
N-BK7

Surface Quality:
40-20

Image Orientation:
Right-Handed

Coating Specification:
Entrance/Exit Faces: R_{avg} ≤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

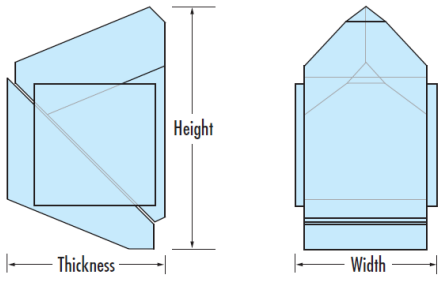
Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

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



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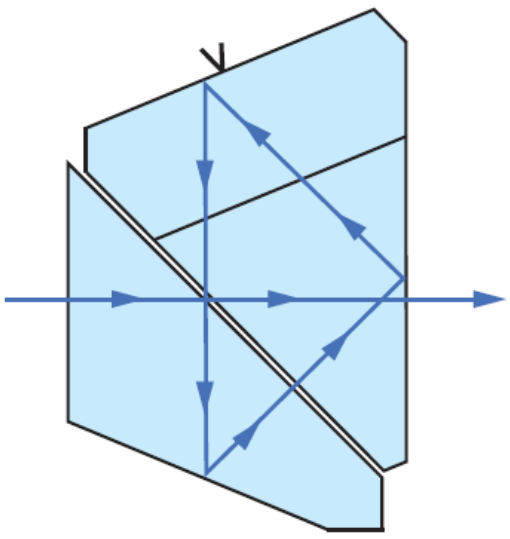
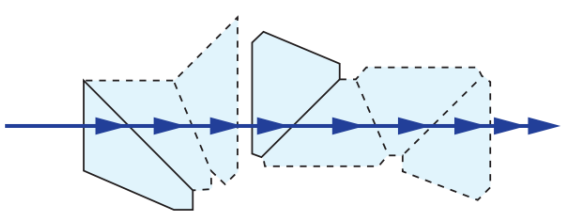


Schmidt-Pechan Prism Ray Path



Schmidt-Pechan Prism Tunnel Diagram

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