

TECHSPEC[®] 25mm Schmidt-Pechan Prism



TECHSPEC[®] Pechan Prism

Stock **#36-039** 3 In Stock

-

1

+

€530⁴⁵

ADD TO CART

Volume Pricing	
Qty 1-5	€530,45 each
Qty 6-25	€424,36 each
Qty 26-99	€397,58 each
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 Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Schmidt-Pechan Prism

Type:

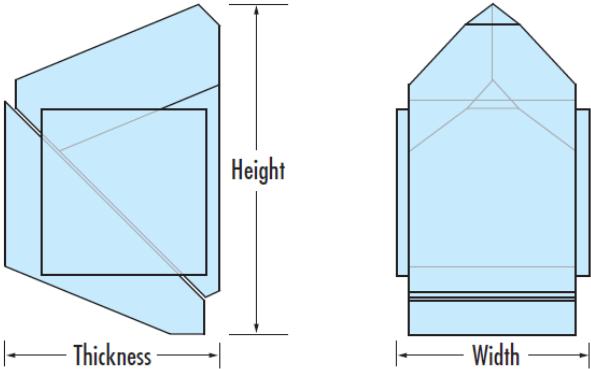
Physical & Mechanical Properties	
50.45	Height (mm):
32.04	Thickness (mm):
±0.1	Dimensional Tolerance (mm):
29.00	Width (mm):
Optical Properties	
MS 0° & Aluminized	Coating:
N-BK7	Substrate: ☐
40-20	Surface Quality:
Right-Handed	Image Orientation:
Coating Specification: Entrance/Exit Faces: R _{avg} ≤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

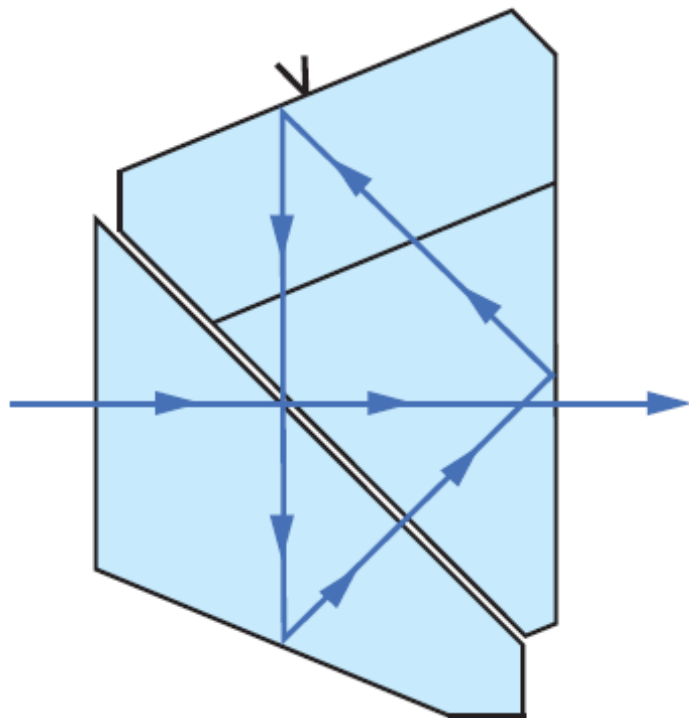
- Provides Inline Image Rotation of 180°
- Compact Design for OEM Integration
- Air Spaced for Optimal Performance

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.

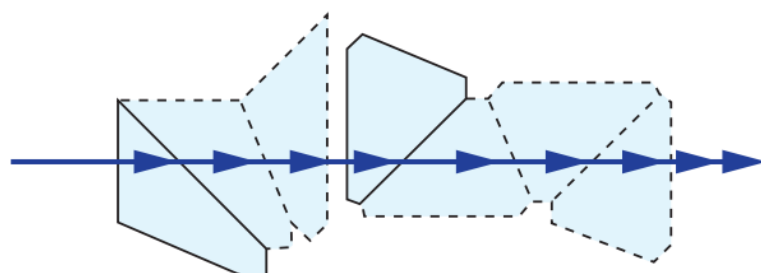
TECHNICAL INFORMATION



#36-039



Schmidt-Pechan Prism Ray Path



Schmidt-Pechan Prism Tunnel Diagram