

TECHSPEC[®] 10mm Schmidt-Pechan Prism



TECHSPEC[®] Pechan Prism

Stock **#36-038** 3 In Stock

-

1

+

€449⁰⁰

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Volume Pricing	
Qty 1-5	€449,00 each
Qty 6-25	€359,00 each
Qty 26-99	€336,00 each
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 Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Schmidt-Pechan Prism

Type:

Physical & Mechanical Properties

20.2

Height (mm):

Thickness (mm):

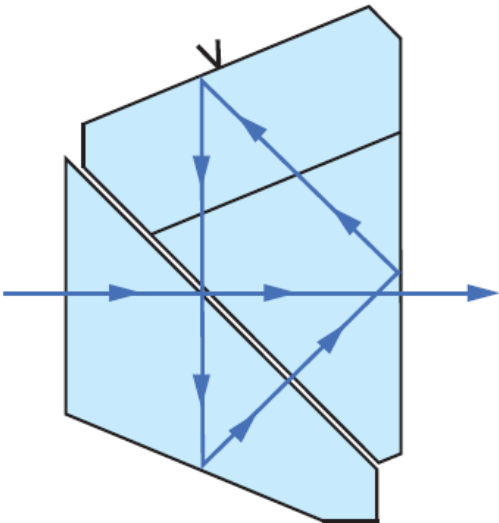
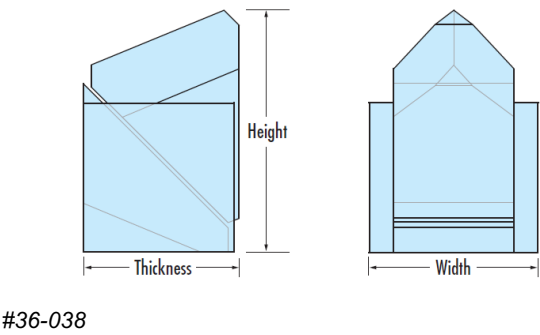
12.99	
Dimensional Tolerance (mm):	
±0.1	
Width (mm):	
14.00	
Optical Properties	
Coating:	
VIS 0° & Aluminized	
Substrate: ☐	
N-BK7	
Surface Quality:	
40-20	
Image Orientation:	
Right-Handed	
Coating Specification:	
Entrance/Exit Faces: R _{avg} ≤0.4% @ 425 - 675nm	
Roof: R _{avg} >85% @ 400 - 700nm 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	

Product Details

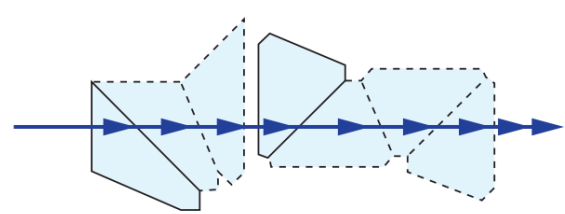
- Provides Inline Image Rotation of 180°
- Compact Design for OEM Integration
- Air Spaced for Optimal Performance

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



Schmidt-Pechan Prism Ray Path



Schmidt-Pechan Prism Tunnel Diagram

