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TECHSPEC® Half-Penta Prisms



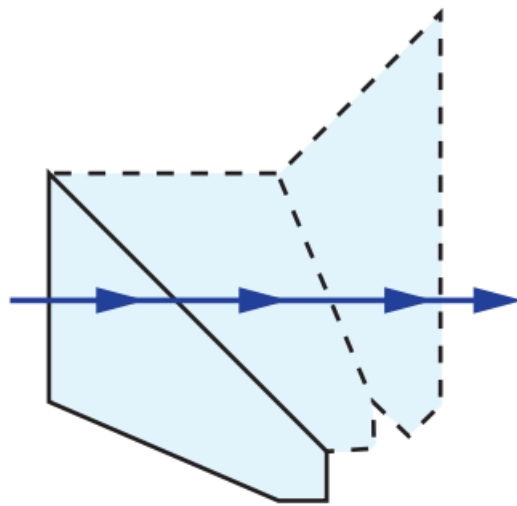
- Deviates Line of Sight by 45°
- Combine with Schmidt Prism to Create Schmidt-Pechan Prism
- [Penta Prisms](#) Also Available

Common Specifications

Physical & Mechanical Properties

Dimensional Tolerance (mm): ±0.10	Bevel: Protective as needed
Optical Properties	
Coating: VIS 0° & Aluminized	Substrate: N-BK7
Surface Quality: 40-20	Angle Tolerance (arcmin): ±3
Image Orientation: Right-Handed	Coating Specification: Entrance/Exit Faces: $R_{avg} \leq 0.4\%$ @ 425 - 675nm Reflecting Surface: $R_{avg} > 85\%$ @ 400 - 700nm w/Black Overpaint
Ray Deviation (°): 45	Wavelength Range (nm): 425 - 675
Power (fringes) @ 632.8nm: 1.00	Irregularity (fringes) @ 632.8nm: 0.25

Technical Information



Half-Penta Prism Tunnel Diagram

Products

Width (mm)	Height (mm)	Coating	Wavelength Range (nm)	Stock Number	Price	Buy
10.00	14.14	VIS 0° & Aluminized	425 - 675	#65-587	£133.60 Volume Pricing	14 In Stock
25.00	35.35	VIS 0° & Aluminized	425 - 675	#65-590	£163.20 Volume Pricing	20+ In Stock



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