

TECHSPEC[®] 15mm, VIS 0° Coated, Rhomboid Prism



Stock **#49-422** 20+ In Stock

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1

+

C\$282^{.80}

ADD TO CART

Volume Pricing	
Qty 1-5	C\$282.80 each
Qty 6-25	C\$226.80 each
Qty 26-49	C\$212.80 each
Need More?	Request Quote

Product Downloads

General	
Rhomboid Prism	Type:
Physical & Mechanical Properties	
15.00	Length (mm):
±0.1	Dimensional Tolerance (mm):

Optical Properties

±5	Angle Tolerance (arcsec):
±30	Beam Deviation (arcsec):
VIS 0° (425-675nm)	Coating:
N-BK7	Substrate: □
40-20	Surface Quality:
Beam Deviation	Image Orientation:
R _{avg} ≤0.4% @ 425 - 675nm	Coating Specification:
0	Ray Deviation (°):
425 - 675	Wavelength Range (nm):
Entrance/Exit Surfaces: 5 J/cm ² @ 532nm, 10ns	Damage Threshold, Reference: □
1.25	Power (fringes) @ 632.8nm:
0.25	Irregularity (fringes) @ 632.8nm:

Regulatory Compliance	
GDPR Compliance	2023-10-25
ISO 27001 Audit	2023-11-15
PCI DSS Scan	2023-12-01
SOX Reporting	2023-12-15
Environmental Impact	2024-01-05
Health & Safety	2024-01-20
Anti-Corruption	2024-02-10
Trade Sanctions	2024-02-25
Export Controls	2024-03-10
Financial Reporting	2024-03-25
ESG Disclosure	2024-04-10
Product Safety	2024-04-25
Consumer Protection	2024-05-10
Intellectual Property	2024-05-25
Contract Management	2024-06-10
Supplier Vetting	2024-06-25
Insurance Policy Review	2024-07-10
Disaster Recovery Plan	2024-07-25
Business Continuity	2024-08-10
IT Security Policy	2024-08-25
Employee Training	2024-09-10
Vendor Management	2024-09-25
Legal Review	2024-10-10
Policy Updates	2024-10-25
Compliance Training	2024-11-10
Internal Audit	2024-11-25
External Audit	2024-12-10
Annual Report	2024-12-25

Compliant	RoHS 2015:
Compliant	Reach 219:
View	Certificate of Conformance:

Need different specs or modifications?

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

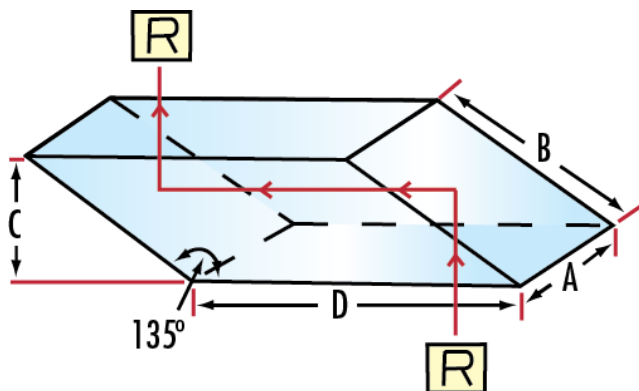
Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

Product Details

- Lateral Displacement of Beam
- Displaces Optical Axis Without Inverting Image
- Input and Output Beams Parallel to ± 30 Arcseconds
- Beam Displacing **Dove Prisms** Also Available

TECHSPEC® Rhomboid prisms are commonly used to displace a laser beam without changing its direction. In imaging applications, rhomboid prisms will displace the optical axis without inverting the image. The lateral displacement is equal to the length of the prism (specified by dimension D). TECHSPEC® Rhomboid Prisms feature high tolerance angles that keep the output beam parallel to the input beam to within 30 arcseconds. They are ideal for demanding displacement applications.

Technical Information



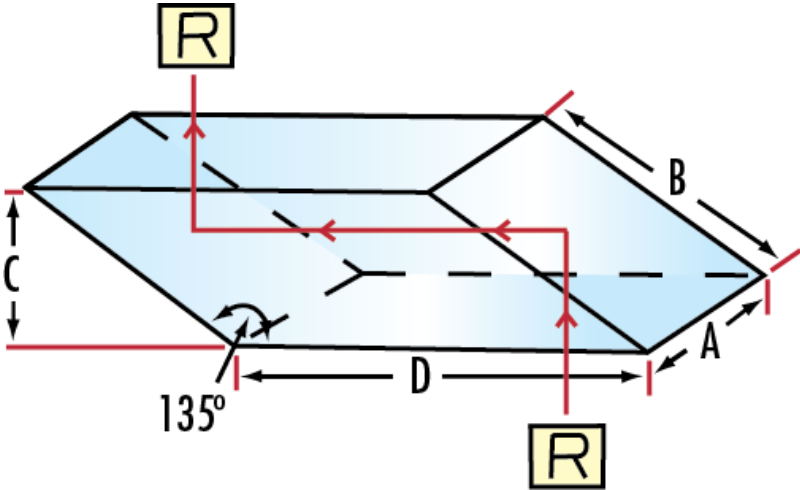


Rhomboid Prism Ray Path



Rhomboid Prism Tunnel Diagram

Stock No.	A	B	C	D
#47-625	5mm	5mm	3.5mm	7.1mm
#47-806				
#47-213	10mm	10mm	7.1mm	14.1mm
#47-807				
#49-418	12.5mm	12.5mm	8.8mm	17.5mm
#49-421				
#49-419	15mm	15mm	10.5mm	21.2mm
#49-422				
#47-214	20mm	20mm	14.2mm	28.3mm
#47-808				
#47-626	25mm	25mm	17.7mm	35.4mm
#47-809				
#49-420	50mm	50mm	35.4mm	70.7mm
#49-423				



Coating Curves