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TECHSPEC® 10mm NIR I Hypotenuse, BBAR Right Angle Prism

Broadband Anti-Reflection Coated Hypotenuse Prism

Stock **#34-407** **10 In Stock**

- 1 +

A$190.40

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Volume Pricing	
Qty 1-5	**A$190.40** each
Qty 6-25	**A$152.80** each
Qty 26-49	**A$143.20** each
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Product Downloads

General

Type:

Right Angle Prism

Physical & Mechanical Properties

Dimensional Tolerance (mm):

+0/-0.1

Bevel:

Protective as needed

Length of Hypotenuse (mm):
14.10

Length of Legs (mm):
10.00

Optical Properties

Beam Deviation (arcsec):
±15

Coating:
NIR I (600-1050nm)

Substrate:
N-BK7

Surface Quality:
40-20

Image Orientation:
Left-Handed

Ray Deviation (°):
90

Wavelength Range (nm):
350 - 2200

Power (fringes) @ 632.8nm:
1.25

Irregularity (fringes) @ 632.8nm:
0.25

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

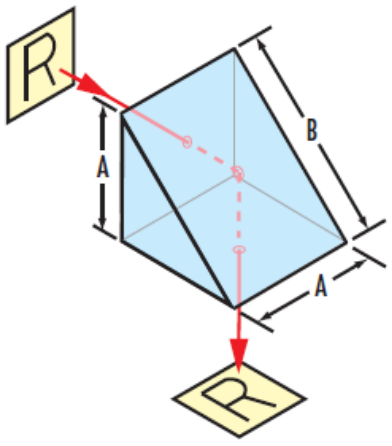
Reach 235:
Compliant

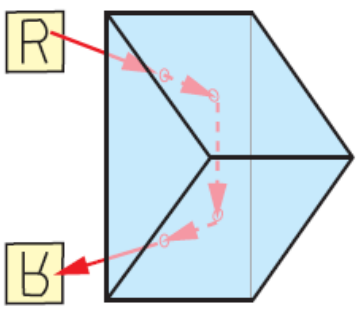
Product Details

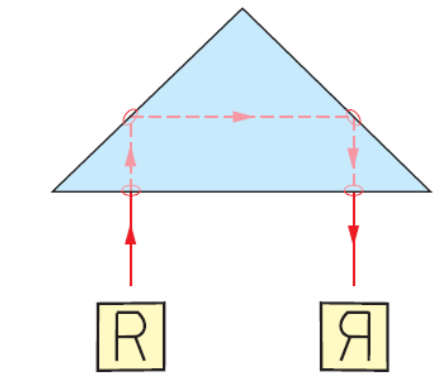
- Single Axis Retroreflector
- Right-Handed Image
- VIS and NIR Options Available

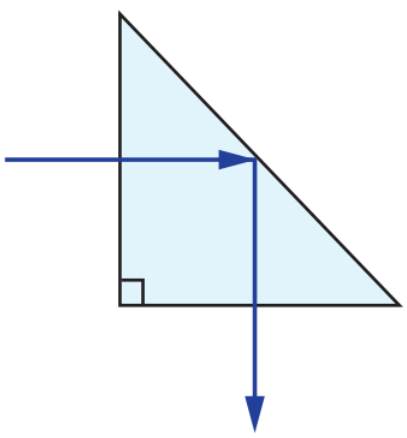
TECHSPEC® Broadband Anti-Reflection (BBAR) Coated N-BK7 Right Angle Prisms (Hypotenuse Coated) are ideal for applications that require a single axis retroreflector. These prisms feature coating options that cover the visible and near-infrared spectrum, as well as tight angular tolerances. These TECHSPEC® Broadband Anti-Reflection (BBAR) Coated N-BK7 Right Angle Prisms (Hypotenuse Coated) are also available in custom sizes.

Technical Information

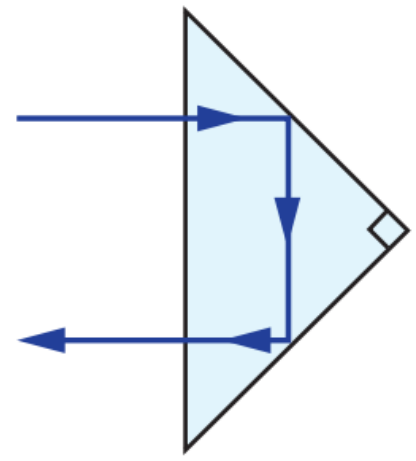








Right Angle Prism Ray Path



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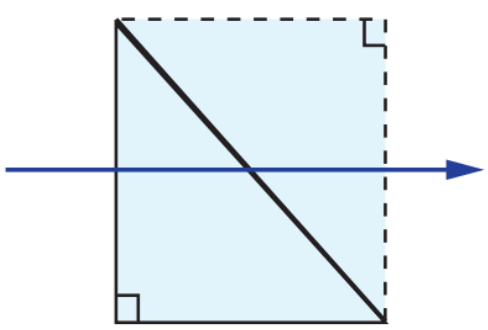
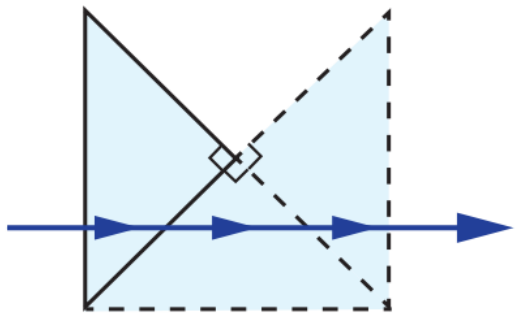


Right Angle Prism Tunnel Diagram



Right Angle Prism Tunnel Diagram

Custom

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.**

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