

TECHSPEC<sup>®</sup> 50mm VIS 0 Hypotenuse, BBAR Right Angle Prism



Broadband Anti-Reflection Coated Hypotenuse Prism

Stock **#34-405** 6 In Stock

-

1

+

₹23,850

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | ₹23,850 each                  |
| Qty 6-25       | ₹19,080 each                  |
| Qty 26-49      | ₹17,910 each                  |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

| General                          |                             |
|----------------------------------|-----------------------------|
| Right Angle Prism                | Type:                       |
| Physical & Mechanical Properties |                             |
| +0/-0.1                          | Dimensional Tolerance (mm): |
| Protective as needed             | Bevel:                      |

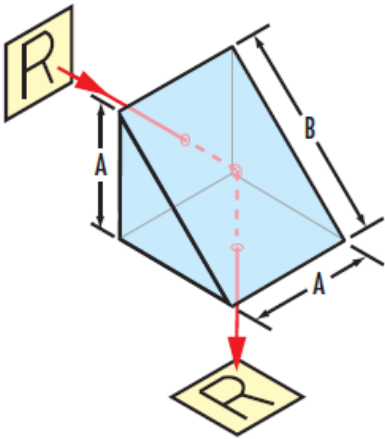
|                                      |                                   |
|--------------------------------------|-----------------------------------|
| 70.70                                | Length of Hypotenuse (mm):        |
| 50.00                                | Length of Legs (mm):              |
| Optical Properties                   |                                   |
| ±15                                  | Beam Deviation (arcsec):          |
| VIS 0° (425-675nm)                   | Coating:                          |
| N-BK7                                | Substrate: □                      |
| 40-20                                | Surface Quality:                  |
| Left-Handed                          | Image Orientation:                |
| R <sub>avg</sub> ≤0.4% @ 425 - 675nm | Coating Specification:            |
| 90                                   | Ray Deviation (°):                |
| 350 - 2200                           | Wavelength Range (nm):            |
| 1.25                                 | Power (fringes) @ 632.8nm:        |
| 0.25                                 | Irregularity (fringes) @ 632.8nm: |
| Regulatory Compliance                |                                   |
| Compliant                            | RoHS 2015:                        |
| View                                 | Certificate of Conformance:       |
| Compliant                            | Reach 235:                        |
| Singapore                            | Country of Origin:                |
| Edmund Optics India Private Limited  | Imported By:                      |

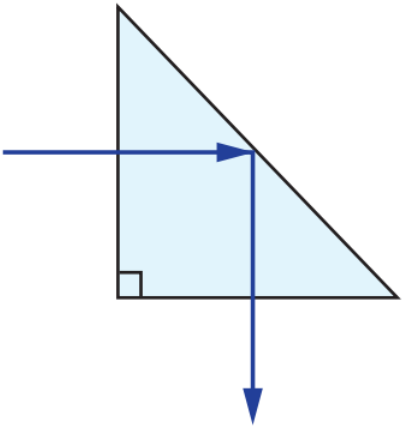
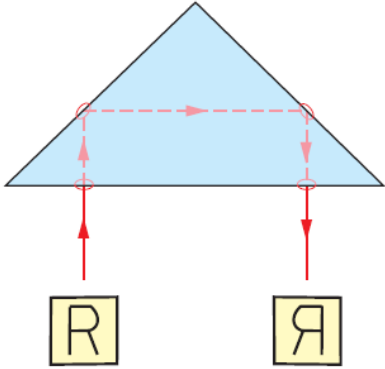
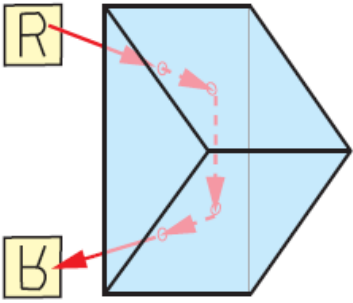
## Product Details

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

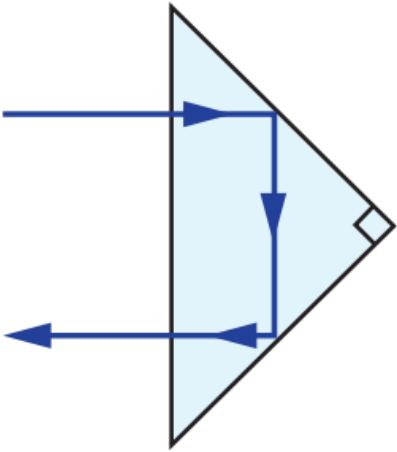
TECHSPEC® Broadband Anti-Reflection (BBAR) Coated N-BK7 Right Angle Prisms (Hypotenuse Coated) are ideal for applications that require a single axis retroreflector. These prisms feature coating options that cover the visible and near-infrared spectrum, as well as tight angular tolerances. These TECHSPEC®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

## Technical Information

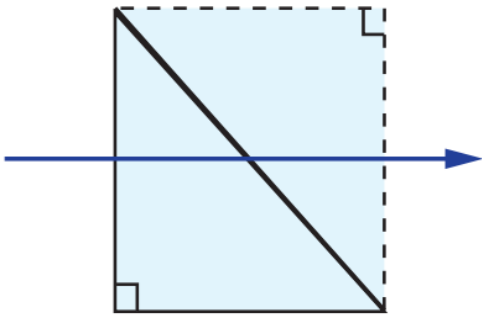




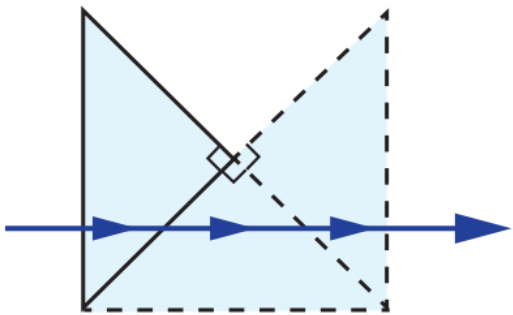
Right Angle Prism Ray Path



Right Angle Prism Ray Path



Right Angle Prism Tunnel Diagram



Right Angle Prism Tunnel Diagram

# Coating Curves

## 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](#).