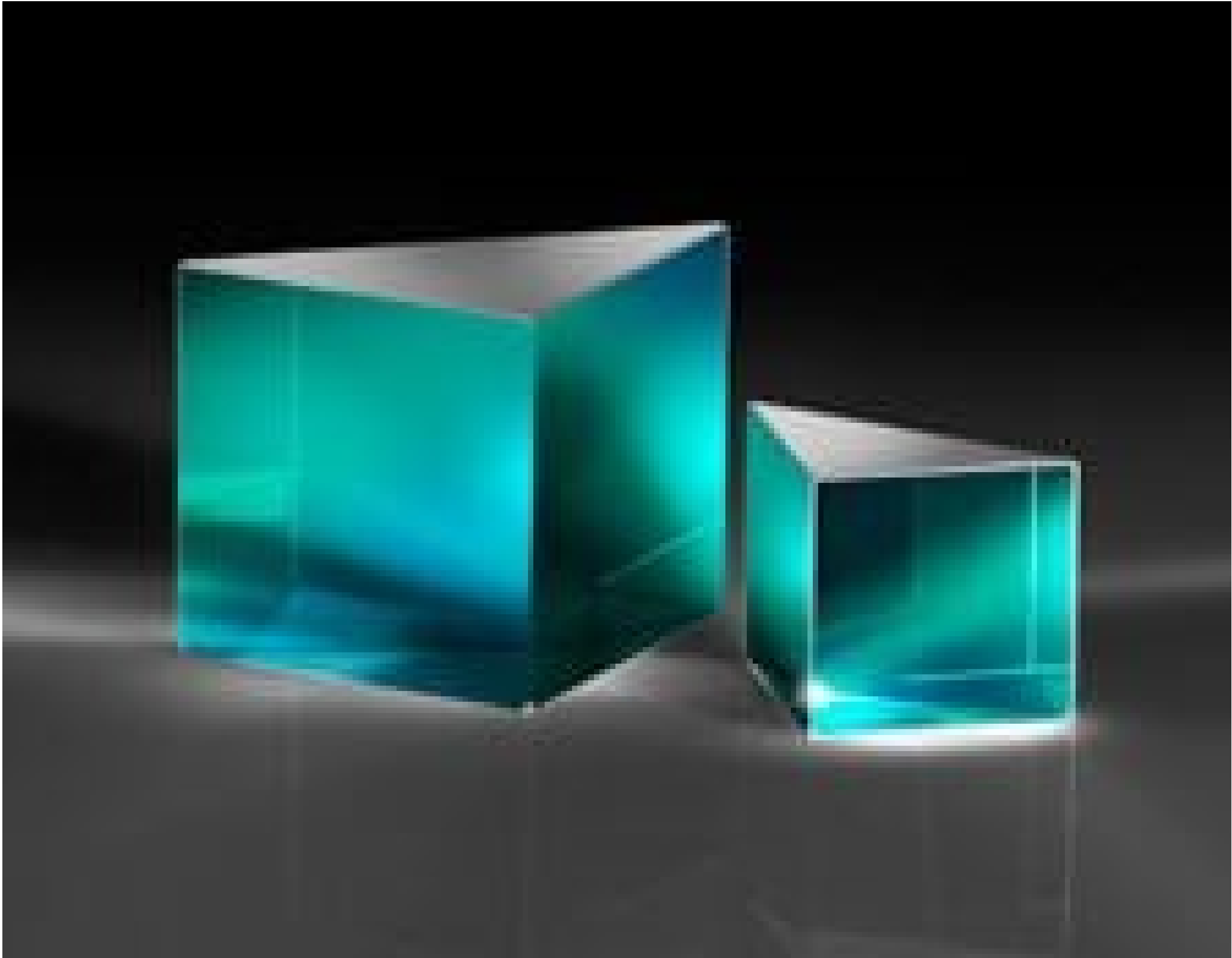


TECHSPEC[®] 5mm VIS 0° Coated, N-BK7 Right Angle Prism (Leg Coated)



Stock **#84-505** 20+ In Stock

-

1

+

C\$168^{.00}

ADD TO CART

Volume Pricing	
Qty 1-5	C\$168.00 each
Qty 6-25	C\$135.10 each
Qty 26-49	C\$134.40 each
Need More?	Request Quote

Product Downloads

General	
Right Angle Prism	Type:
Coating on Entrance/Exit Faces	Note:

Physical & Mechanical Properties	
+0.00/-0.10	Dimensional Tolerance (mm):

Protective as needed	Bevel:
90	Clear Aperture (%):
7.10	Length of Hypotenuse (mm):
5.00	Length of Legs (mm):
Optical Properties	
±15	Angle Tolerance (arcsec):
VIS 0° (425-675nm)	Coating:
N-BK7	Substrate: ☐
40-20	Surface Quality:
Left-Handed	Image Orientation:
R _{avg} ≤0.4% @ 425 - 675nm	Coating Specification:
90	Ray Deviation (°):
425 - 675	Wavelength Range (nm):
Entrance/Exit Faces: 5 J/cm² @ 532nm, 10ns	Damage Threshold, Reference: ☐
1.25	Power (fringes) @ 632.8nm:
0.25	Irregularity (fringes) @ 632.8nm:
Regulatory Compliance	
View	Certificate of Conformance:

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](#).

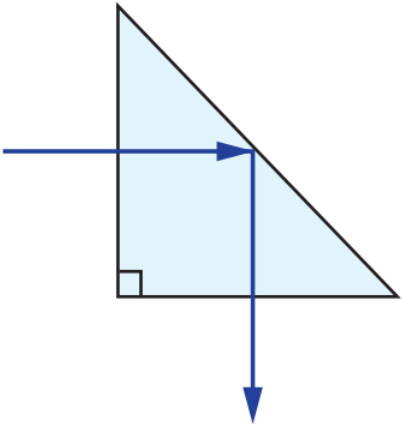
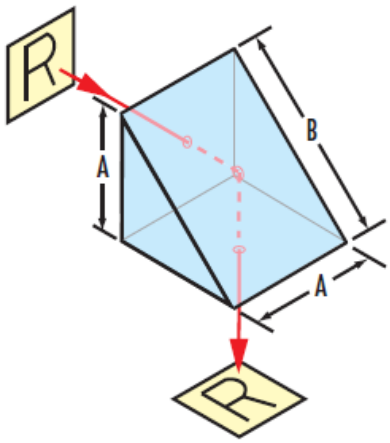
Product Details

- Ideal for Low Power Laser Sources
- Multiple BBAR Coatings Available
- Ray Deviation of 90°

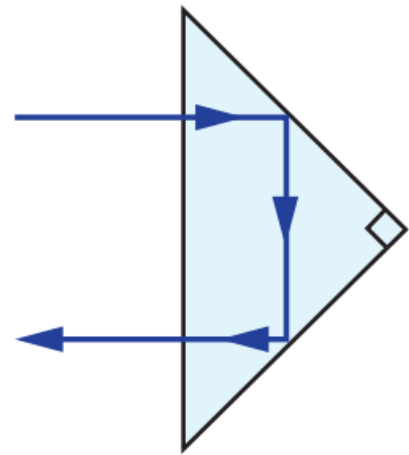
TECHSPEC® Broadband Anti-Reflection (BBAR) Coated N-BK7 Right Angle Prisms (Leg Coated) are ideal for a range of low power laser line applications. These prisms feature tight angle tolerances and a precision N-BK7 substrate. The BBAR coating improves transmission efficiency when compared to uncoated right angle prisms. TECHSPEC® Broadband Anti-Reflection (BBAR) Coated N-BK7 Right Angle Prisms (Leg Coated) have their BBAR coating on entrance and exit faces. The prisms are available in lengths from 5 to 50mm.

Right angle prisms are generally used to bend image paths or redirect light at 90°. This produces a left-handed image and depending on the orientation of the prism, the image may be inverted or reverted. Right angle prisms can also be used in combination for image/beam displacement.

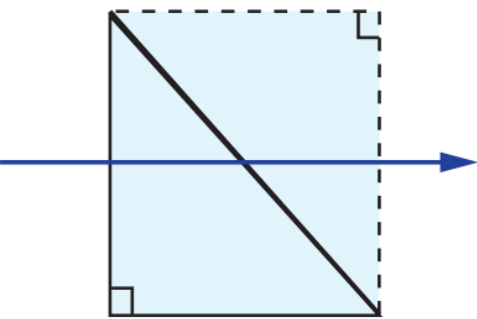
Technical Information



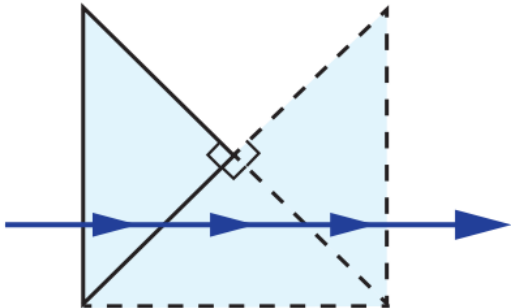
Right Angle Prism Ray Path



Right Angle Prism Ray Path



Right Angle Prism Tunnel Diagram



Right Angle Prism Tunnel Diagram

Coating Curves