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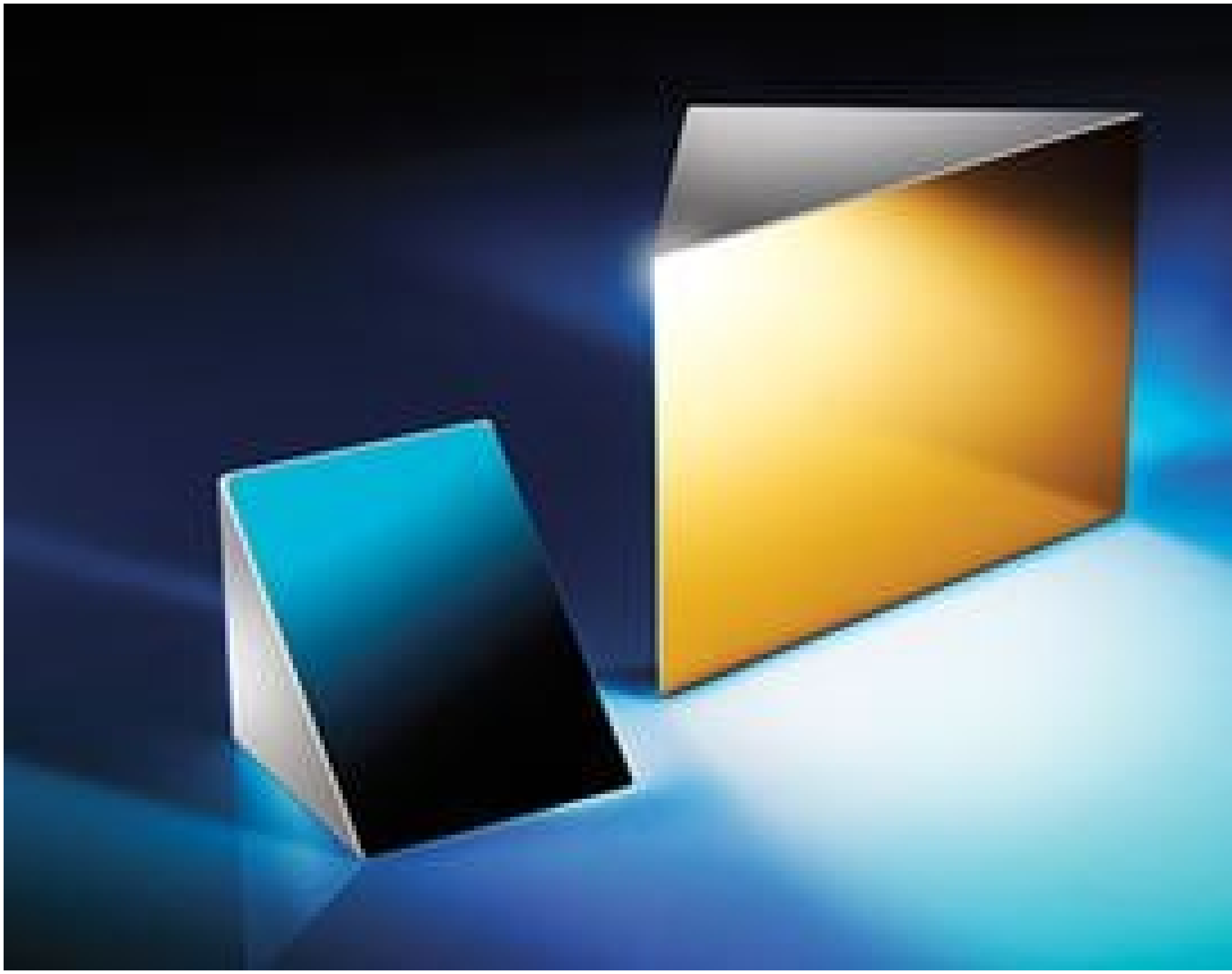
TECHSPEC® 50mm Protected Gold, N-BK7 Right Angle Prism Mirrors (Hypotenuse Coated)



Stock **#47-032** **5 In Stock**

- 1 + **MRP ₹35,211**

Price inclusive of all taxes

ADD TO CART

Volume Pricing	
Qty 1-5	**₹35,211** each
Qty 6-25	**₹28,149** each
Qty 26-49	**₹26,433** each
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Product Downloads

General

Type:

Right Angle Mirror

Physical & Mechanical Properties

Bevel:

Protective as needed

Clear Aperture CA (mm):

63.64 x 45.00

Dimensional Tolerance (mm):
±0.1

Length of Hypotenuse (mm):
70.70

Length of Legs (mm):
50.00

Optical Properties

Wavelength Range (µm):
0.7 - 10

Coating Type:
Metal

Coating:
Protected Gold (700-10000nm)

Wavelength Range (nm):
700 - 10000

Substrate:
N-BK7

Angle Tolerance (arcmin):
±2

Coating Specification:
R_{avg} >96% @ 700 - 2000nm
R_{avg} >96% @ 2000 - 10,000nm

Surface Quality:
60-40

Damage Threshold, Reference:
0.8 J/cm^2 @ 1064nm, 10ns

Power (fringes) @ 632.8nm:
1.25

Irregularity (fringes) @ 632.8nm:
0.50

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 247:
Compliant

Country of Origin:
United States

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

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

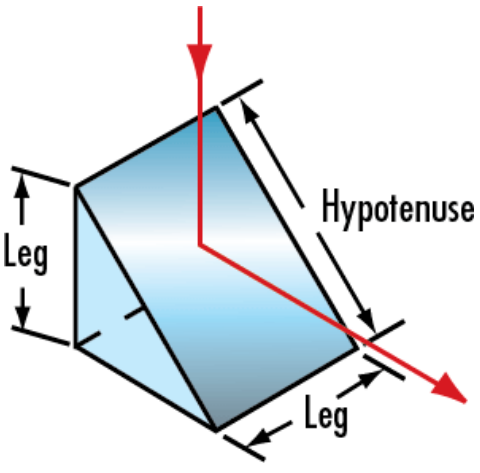
Learn more about our custom manufacturing capabilities or submit an inquiry here.

Product Details

- Reflects Light at 90°
- Ideal for System Alignment
- Enhanced Aluminum, Protected Gold, and Protected Silver Coatings

TECHSPEC® Right Angle Prism Mirrors (Hypotenuse Coated) are available with enhanced aluminum, protected gold, or protected silver coatings. These coatings allow for improved handling of the component, increased durability of the metal coating, and protection from oxidation with little impact on the performance of the metal coating. The mirrors are designed with an N-BK7 substrate. Right angle mirrors reflect incident light at 90°, are easily mounted, and are crucial in many optical systems. TECHSPEC® Right Angle Prism Mirrors (Hypotenuse Coated) are ideal for applications requiring precision alignment and high performance.

Technical Information


Leg
Hypotenuse
Leg

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