

TECHSPEC® 20mm, Protected Gold, N-BK7 Right Angle Prism Mirror (Leg Coated)



Stock #65-849 **1 In Stock**

MRP ₹19,169

● Price inclusive of all taxes

ADD TO CART

| Volume Pricing | |
|----------------|-------------------------------|
| Qty 1-5 | ₹19,169 each |
| Qty 6-25 | ₹15,335 each |
| Qty 26-49 | ₹14,428 each |
| Need More? | Request Quote |

Product Downloads

General

Right Angle Mirror **Type:**

Physical & Mechanical Properties

19.4 **Clear Aperture CA (mm):**

±0.1 **Dimensional Tolerance (mm):**

| | |
|---|--|
| Protective as needed | Bevel: |
| 90.00 | Clear Aperture (%): |
| 28.30 | Length of Hypotenuse (mm): |
| 20.00 | Length of Legs (mm): |
| Optical Properties | |
| Protected Gold (700-10000nm) | Coating: |
| N-BK7 | Substrate: <input type="checkbox"/> |
| 40-20 | Surface Quality: |
| ±2 | Angle Tolerance (arcmin): |
| Coating Specification: | |
| R _{avg} >96% @ 700 - 2000nm R _{avg} >96% @ 2000 - 10,000nm | |
| 700 - 10000 | Wavelength Range (nm): |
| Metal | Coating Type: |
| 0.8 J/cm ² @ 1064nm, 10ns | Damage Threshold, Reference: <input type="checkbox"/> |
| 1.25 | Power (fringes) @ 632.8nm: |
| 0.50 | Irregularity (fringes) @ 632.8nm: |

| | |
|---|------------------------------------|
| Regulatory Compliance | |
| Compliant | RoHS 2015: |
| View | Certificate of Conformance: |
| Compliant | Reach 247: |
| United States | Country of Origin: |
| 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

- Splits Input Image Into Two Paths Separated by 180°
- Variety of Sizes and Broadband Coatings Available
- Additional [Right Angle Prism](#) Options Available

TECHSPEC® Right Angle Prism Mirrors (Leg Coated) are constructed from right angle prisms with a mirror coating on the two legs and an uncoated hypotenuse. The mirrored surfaces form a precise 90° angle, ideal for splitting an image from a single imaging lens onto two different cameras, or for combining two images onto a single camera.

Technical Information



| Stock No. | Coating | A | B | C |
|-----------|--------------------------------|------|---------|------|
| #49-412 | Enhanced Aluminum (450-650nm) | 5mm | 7.1mm | 5mm |
| #65-847 | Protected Gold (700-10000nm) | | | |
| #21-185 | Protected Silver (450-10000nm) | | | |
| #47-004 | Enhanced Aluminum (450-650nm) | 10mm | 14.1mm | 10mm |
| #47-237 | Protected Gold (700-10000nm) | | | |
| #21-186 | Protected Silver (450-10000nm) | | | |
| #49-413 | Enhanced Aluminum (450-650nm) | 15mm | 21.2mm | 15mm |
| #65-848 | Protected Gold (700-10000nm) | | | |
| #21-187 | Protected Silver (450-10000nm) | | | |
| #49-414 | Enhanced Aluminum (450-650nm) | 20mm | 28.3mm | 20mm |
| #65-849 | Protected Gold (700-10000nm) | | | |
| #21-188 | Protected Silver (450-10000nm) | | | |
| #47-005 | Enhanced Aluminum (450-650nm) | 25mm | 35.4mm | 25mm |
| #47-238 | Protected Gold (700-10000nm) | | | |
| #21-189 | Protected Silver (450-10000nm) | | | |
| #47-006 | Enhanced Aluminum (450-650nm) | 50mm | 70.7mm | 50mm |
| #47-239 | Protected Gold (700-10000nm) | | | |
| #21-190 | Protected Silver (450-10000nm) | | | |
| #47-309 | Enhanced Aluminum (450-650nm) | 75mm | 106.1mm | 75mm |
| #47-310 | Protected Gold (700-10000nm) | | | |
| #21-191 | Protected Silver (450-10000nm) | | | |