

TECHSPEC<sup>®</sup> 12.5mm 1064nm, Laser Line  $\lambda$ /20 High Tolerance Right Angle Mirror



Stock **#37-661** 3 In Stock

-

1

+

€265<sup>.00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | €265,00 each                  |
| Qty 6-25       | €212,00 each                  |
| Qty 26-49      | €200,00 each                  |
| Need More?     | <a href="#">Request Quote</a> |

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:  
Right Angle Mirror

Physical & Mechanical Properties

Bevel:  
Protective as needed

Clear Aperture (%):  
90

|             |                             |
|-------------|-----------------------------|
| +0.00/-0.10 | Dimensional Tolerance (mm): |
| 17.70       | Length of Hypotenuse (mm):  |
| 12.50       | Length of Legs (mm):        |

Optical Properties

|                                                                                                                           |                                                       |
|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| Laser Mirror (1064nm)                                                                                                     | Coating:                                              |
| $\lambda/20$                                                                                                              | Surface Flatness (P-V):                               |
| 1064                                                                                                                      | Design Wavelength DWL (nm):                           |
| <a href="#">Fused Silica</a> (Corning 7980)                                                                               | Substrate: <input type="checkbox"/>                   |
| Coating Specification:<br>R <sub>abs</sub> >99.8% @ 1064nm @ 45° AOI<br>R <sub>avg</sub> >99.5% @ 1046 - 1074nm @ 45° AOI |                                                       |
| 20-10                                                                                                                     | Surface Quality:                                      |
| 1MW/cm <sup>2</sup> @ 1064nm                                                                                              | Damage Threshold, Reference: <input type="checkbox"/> |
| ±1                                                                                                                        | Pyramid Tolerance (arcmin):                           |
| ±15                                                                                                                       | Angle Tolerance (arcsec):                             |

Regulatory Compliance

|                           |                             |
|---------------------------|-----------------------------|
| <a href="#">Compliant</a> | RoHS 2015:                  |
| <a href="#">Compliant</a> | Reach 209:                  |
| <a href="#">View</a>      | Certificate of Conformance: |

## Product Details

- >99.5% Reflectivity at the Design Wavelength
  - ±15 Arcsecond Angular Tolerance
  - High Thermal Stability Substrates
- TECHSPEC® Laser Line  $\lambda/20$  High Tolerance Right Angle Mirrors are designed at Nd:YAG wavelengths with durable, high reflectivity dielectric coatings. Right angle mirrors are easily mounted and integrated into systems that redirect light 90°. With ±15 arcsecond angular tolerance and ±1 arcminute pyramid tolerance, these laser line mirrors simplify alignment when mounting. TECHSPEC® Laser Line  $\lambda/20$  High Tolerance Right Angle Mirrors feature laser induced damage threshold specifications making them ideal for demanding laser applications.

LASER OPTICS

MADE BY EDMUND OPTICS®



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## 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](#).