

TECHSPEC<sup>®</sup> 5mm 1064nm, Laser Line  $\lambda$ /20 High Tolerance Right Angle Mirror



Stock #37-658 20+ In Stock

-

1

+

€239<sup>.00</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | €239,00 each                  |
| Qty 6-25       | €196,00 each                  |
| Qty 26-49      | €192,00 each                  |
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! Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Right Angle Mirror

Type:

Physical & Mechanical Properties

5.00

Length of Legs (mm):

+0.00/-0.10

Dimensional Tolerance (mm):

|                                                                                                                           |                                     |
|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| Protective as needed                                                                                                      | Bevel:                              |
| 90                                                                                                                        | Clear Aperture (%):                 |
| 7.10                                                                                                                      | Length of Hypotenuse (mm):          |
| Optical Properties                                                                                                        |                                     |
| $\lambda/20$                                                                                                              | Surface Flatness (P-V):             |
| Fused Silica (Corning 7980)                                                                                               | Substrate: <input type="checkbox"/> |
| 20-10                                                                                                                     | Surface Quality:                    |
| Coating Specification:<br>R <sub>abs</sub> >99.8% @ 1064nm @ 45° AOI<br>R <sub>avg</sub> >99.5% @ 1046 - 1074nm @ 45° AOI |                                     |
| Laser Mirror (1064nm)                                                                                                     | Coating:                            |
| 1064                                                                                                                      | Design Wavelength DWL (nm):         |
| ±1                                                                                                                        | Pyramid Tolerance (arcmin):         |
| ±15                                                                                                                       | Angle Tolerance (arcsec):           |
| Damage Threshold, Reference: <input type="checkbox"/><br>1MW/cm² @ 1064nm                                                 |                                     |
| Regulatory Compliance                                                                                                     |                                     |
| Compliant                                                                                                                 | RoHS 2015:                          |
| Compliant                                                                                                                 | Reach 209:                          |
| View                                                                                                                      | 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.



## 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](#).