

TECHSPEC<sup>®</sup> 20mm 532nm, Laser Line  $\lambda/20$  High Tolerance Right Angle Mirror



Stock **#37-656** 3 In Stock

-

1

+

£239<sup>.20</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | £239.20 each                  |
| Qty 6-25       | £200.80 each                  |
| Qty 26-49      | £191.20 each                  |
| Need More?     | <a href="#">Request Quote</a> |

Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

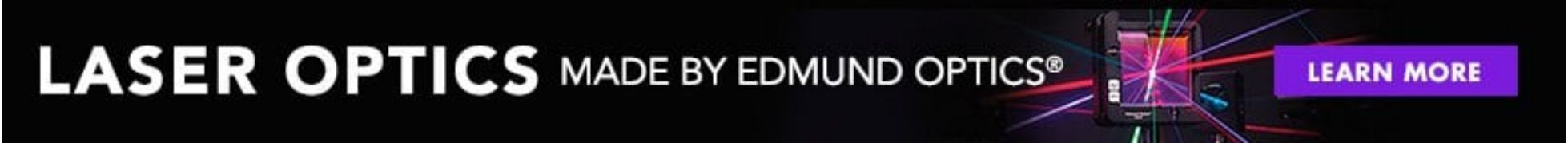
Type:  
Right Angle Mirror

| Physical & Mechanical Properties                                                                                         |                                                   |
|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| 20.00                                                                                                                    | Length of Legs (mm):                              |
| +0.00/-0.10                                                                                                              | Dimensional Tolerance (mm):                       |
| Protective as needed                                                                                                     | Bevel:                                            |
| 90                                                                                                                       | Clear Aperture (%):                               |
| 28.30                                                                                                                    | Length of Hypotenuse (mm):                        |
| Optical Properties                                                                                                       |                                                   |
| $\lambda/20$                                                                                                             | Surface Flatness (P-V):                           |
| Fused Silica (Corning 7980)                                                                                              | Substrate: <input type="text"/>                   |
| 20-10                                                                                                                    | Surface Quality:                                  |
| $R_{abs} > 99.8\% @ 532\text{nm} @ 45^\circ \text{AOI}$<br>$R_{avg} > 99.5\% @ 523 - 537\text{nm} @ 45^\circ \text{AOI}$ | Coating Specification:                            |
| Laser Mirror (532nm)                                                                                                     | Coating:                                          |
| 532                                                                                                                      | Design Wavelength DWL (nm):                       |
| $\pm 1$                                                                                                                  | Pyramid Tolerance (arcmin):                       |
| $\pm 15$                                                                                                                 | Angle Tolerance (arcsec):                         |
| 1MW/cm <sup>2</sup> @ 532nm                                                                                              | Damage Threshold, Reference: <input type="text"/> |
| Regulatory Compliance                                                                                                    |                                                   |
| Compliant                                                                                                                | RoHS 2015:                                        |
| Compliant                                                                                                                | Reach 209:                                        |
| View                                                                                                                     | Certificate of Conformance:                       |

## PRODUCT DETAILS

- >99.5% Reflectivity at the Design Wavelength
- $\pm 15$  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  $\pm 15$  arcsecond angular tolerance and  $\pm 1$  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](#).