

TECHSPEC<sup>®</sup> 20mm 266nm, Laser Line  $\lambda$ /20 High Tolerance Right Angle Mirror



Stock **#37-644** 5 In Stock

-

1

+

C\$418<sup>.60</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | C\$418.60 each                |
| Qty 6-25       | C\$351.40 each                |
| Qty 26-49      | C\$334.60 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

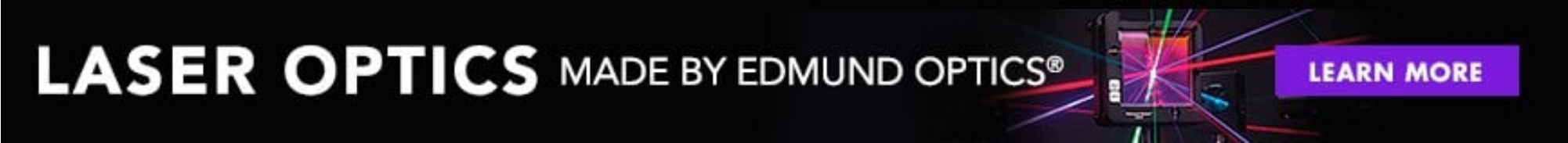
| General                          |                             |
|----------------------------------|-----------------------------|
| Right Angle Mirror               | Type:                       |
| Physical & Mechanical Properties |                             |
| 20.00                            | 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="checkbox"/> |
| 20-10                                                                                                                  | Surface Quality:                    |
| Coating Specification:<br>R <sub>abs</sub> >99.5% @ 266nm @ 45° AOI<br>R <sub>avg</sub> >99.5% @ 263 - 268nm @ 45° AOI |                                     |
| Laser Mirror (266nm)                                                                                                   | Coating:                            |
| 266                                                                                                                    | Design Wavelength DWL (nm):         |
| ±1                                                                                                                     | Pyramid Tolerance (arcmin):         |
| ±15                                                                                                                    | Angle Tolerance (arcsec):           |
| Damage Threshold, Reference: <input type="checkbox"/><br>1MW/cm² @ 266nm                                               |                                     |
| 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](#).