

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



Stock #37-644 3-4 DAYS

⊖ 1 ⊕ £232.<sup>90</sup>

**ADD TO CART**

Qty 1-5

£232.90

Qty 6+

£195.50

Volume Pricing

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Prices shown are exclusive of VAT/local taxes

Product Downloads



## SPECIFICATIONS

### General

Type:  
Right Angle Mirror

### Physical & Mechanical Properties

**Length of Legs (mm):**  
20.00

**Dimensional Tolerance (mm):**  
+0.00/-0.10

**Bevel:**  
Protective bevel as needed

**Clear Aperture (%):**  
90

**Length of Hypotenuse (mm):**  
28.30

## Optical Properties

**Surface Flatness (P-V):**  
 $\lambda/20$

**Substrate:**   
[Fused Silica](#) (Corning 7980)

**Surface Quality:**  
20-10

**Coating Specification:**  
 $R_{\text{abs}} > 99.5\%$  @ 266nm @ 45° AOI  
 $R_{\text{avg}} > 99.5\%$  @ 263 - 268nm @ 45° AOI

**Coating:**  
Laser Mirror (266nm)

**Design Wavelength DWL (nm):**  
266

**Pyramid Tolerance (arcmin):**  
 $\pm 1$

**Angle Tolerance (arcsec):**  
 $\pm 15$

**Damage Threshold, Reference:**   
 $1\text{MW}/\text{cm}^2$  @ 266nm

## Regulatory Compliance

**RoHS 2015:**  
[Compliant](#)

**Reach 209:**  
[Compliant](#)

**Certificate of Conformance:**  
[View](#)

## 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  $90^\circ$ . 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.

