

**TECHSPEC® 532, 1064nm, 25.4mm, Dual-Band AR Fused Silica Window**



Stock #17-588 **15 In Stock**

- 1 + £133.<sup>60</sup>

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Volume Pricing	
Qty 1-5	£133.60 each
Qty 6-25	£106.40 each
Qty 26-49	£100.80 each
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! Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

Laser Line Window **Type:**

**Physical & Mechanical Properties**

22.86 **Clear Aperture CA (mm):**

25.40 +0.00/-0.10 **Diameter (mm):**

6.35 ±0.20	<b>Thickness (mm):</b>
<3	<b>Parallelism (arcmin):</b>
Fine Ground	<b>Edges:</b>

## Optical Properties

0	<b>Angle of Incidence (°):</b>
Dual-Band (532, 1064nm)	<b>Coating:</b>
532, 1064	<b>Design Wavelength DWL (nm):</b>
<a href="#">Fused Silica</a> (Corning 7980)	<b>Substrate:</b> <input type="checkbox"/>
10-5	<b>Surface Quality:</b>
R <sub>abs</sub> <0.25% @ 532nm, R <sub>abs</sub> <0.10% @ 1064nm	<b>Coating Specification:</b>
λ/10	<b>Surface Flatness (P-V):</b>
5J/cm <sup>2</sup> @ 532nm, 20ns, 20Hz; 15J/cm <sup>2</sup> @ 1064nm, 20ns, 20Hz	<b>Damage Threshold, By Design:</b>

## Material Properties

7980 0F	<b>Fused Silica Grade:</b>
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## Regulatory Compliance

<a href="#">View</a>	<b>Certificate of Conformance:</b>
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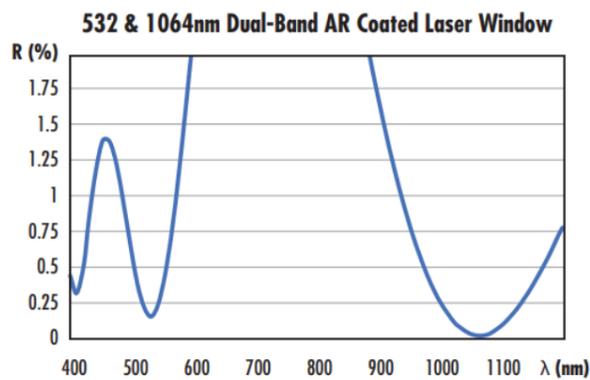
## Product Details

- 532 and 1064nm Dual-Band Anti-Reflection Coating
- 10-5 Surface Quality and λ/10 Surface Flatness
- Ideal for Nd:YAG Laser Systems
- [Uncoated Laser Window Substrates](#) Available

TECHSPEC® Dual-Band Anti-Reflection (AR) Laser Windows provide high performance AR coatings designed to be used in multi-wavelength laser applications. The anti-reflection coatings on both surfaces feature <0.25% reflection at 532nm and <0.1% reflection at 1064nm, significantly increasing laser throughput. These laser windows feature excellent thermal stability, precision grade λ/10 surface flatness, and 10-5 surface quality, ensuring minimal distortion to transmitted beams. TECHSPEC® Dual-Band Anti-Reflection (AR) Laser Windows are available in standard imperial sizes for convenient integration into existing laser systems and are ideal for Nd:YAG applications including those used in aesthetic laser systems. [Contact us](#) if your application requires a custom coating or design.

**Note:** Damage thresholds values are tested independently.

## Technical Information



## 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](#).

