See all 3 Products in Family

# TECHSPEC® 532, 1064nm, 76.2mm, Dual-Band AR Fused Silica Window

Stock **#20-451** **3 In Stock**

- 1 + **A$1,416**.00

**ADD TO CART**

| Volume Pricing | |
|---|---|
| Qty 1-5 | **A$1,416.00** each |
| Qty 6-25 | **A$1,136.00** each |
| Qty 26-49 | **A$1,064.00** each |
| Need More? | Request Quote |

Product Downloads

## General

**Type:**

Laser Line Window

## Physical & Mechanical Properties

**Clear Aperture CA (mm):**

68.58

**Diameter (mm):**

76.20 +0.00/-0.10

**Thickness (mm):**
12.70 ±0.20

**Parallelism (arcmin):**
<3

**Edges:**
Fine Ground

## Optical Properties

**Angle of Incidence (°):**
0

**Coating:**
Dual-Band (532, 1064nm)

**Design Wavelength DWL (nm):**
532, 1064

**Substrate:**
Fused Silica (Corning 7980)

**Surface Quality:**
10-5

**Coating Specification:**
$R_{abs}$ <0.25% @ 532nm
$R_{abs}$ <0.10% @ 1064nm

**Surface Flatness (P-V):**
λ/10

**Damage Threshold, By Design:**
5J/cm$^2$ @ 532nm, 20ns, 20Hz; 15J/cm$^2$ @ 1064nm, 20ns, 20Hz

## Material Properties

**Fused Silica Grade:**
7980 0A

## Regulatory Compliance

**Certificate of Conformance:**
View

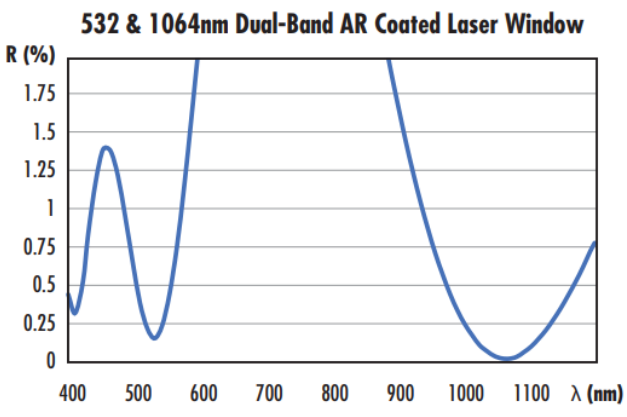
# Product Details

- 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.