

TECHSPEC®

12.7mm Dia., 6.35mm Thick, 532nm,  $\lambda$ /10 Fused Silica Window



TECHSPEC  $\lambda$ /10 Laser Line Coated Windows

Stock **#38-966** 20+ In Stock

-

1

+

A\$235<sup>20</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | A\$235.20 each                |
| Qty 6-25       | A\$188.80 each                |
| Qty 26-49      | A\$176.00 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

General

Laser Line Window

Type:

Glass

Type of Window:

Physical & Mechanical Properties

6.35 ±0.20

Thickness (mm):

|                      |                         |
|----------------------|-------------------------|
| 11.43                | Clear Aperture CA (mm): |
| 12.70 +0.00/-0.10    | Diameter (mm):          |
| 90                   | Clear Aperture (%):     |
| <3                   | Parallelism (arcmin):   |
| Protective as needed | Bevel:                  |
| Fine Ground          | Edges:                  |

|                                          |                                                       |
|------------------------------------------|-------------------------------------------------------|
| Optical Properties                       |                                                       |
| Fused Silica (Corning 7980)              | Substrate: <input type="checkbox"/>                   |
| 1.458                                    | Index of Refraction (n <sub>d</sub> ):                |
| 10-5                                     | Surface Quality:                                      |
| 0                                        | Angle of Incidence (°):                               |
| Laser V-Coat (532nm)                     | Coating:                                              |
| 532                                      | Design Wavelength DWL (nm):                           |
| 67.8                                     | Abbe Number (v <sub>d</sub> ):                        |
| λ/10                                     | Surface Flatness (P-V):                               |
| R <sub>abs</sub> <0.25% @ 532nm          | Coating Specification:                                |
| 10 J/cm <sup>2</sup> @ 532nm, 20ns, 20Hz | Damage Threshold, By Design: <input type="checkbox"/> |

|                                          |                           |
|------------------------------------------|---------------------------|
| 10 J/cm <sup>2</sup> @ 532nm, 20ns, 20Hz | Damage Threshold, Pulsed: |
|------------------------------------------|---------------------------|

|                     |                     |
|---------------------|---------------------|
| Material Properties |                     |
| 7980 0F             | Fused Silica Grade: |

|                       |                             |
|-----------------------|-----------------------------|
| Regulatory Compliance |                             |
| Compliant             | RoHS 2015:                  |
| Compliant             | Reach 209:                  |
| View                  | Certificate of Conformance: |

## Product Details

- 10-5 Surface Quality
- Damage Thresholds at Design Wavelengths
- Diameters from 12.5 to 76.2mm Available
- Uncoated Substrates Available

TECHSPEC® λ/10 Laser Line Coated Windows are designed for direct integration into laser applications. This robust product family features common imperial sizes, many of which offer multiple thickness options. Anti-reflection coatings are available at common laser wavelengths, minimizing surface reflection for optimal system transmission. TECHSPEC λ/10 Laser Line Coated Windows provide laser grade specifications including λ/10 surface flatness, 10-5 surface quality, and <3 arcmin parallelism. These windows are ideal for industrial laser applications ranging from protective coverings to separating various environments.

## 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](#).

## Compatible Mounts