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TECHSPEC®

12.7mm Dia., 6.35mm Thick, 515nm,  $\lambda$ /10 Fused Silica Window



TECHSPEC  $\lambda$ /10 Laser Line Coated Windows

Stock **#39-681** 20+ In Stock

-

1

+

€147<sup>00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | €147,00 each                  |
| Qty 6-25       | €118,00 each                  |
| Qty 26-49      | €110,00 each                  |
| Need More?     | <a href="#">Request Quote</a> |

**i** Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:

Laser Line Window

Type of Window:

Glass

Physical & Mechanical Properties

Thickness (mm):

|                      |                         |
|----------------------|-------------------------|
| 6.35 ±0.20           |                         |
| 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

|                                 |                                                   |
|---------------------------------|---------------------------------------------------|
|                                 | Substrate: <input type="text"/>                   |
| Fused Silica (Corning 7980)     |                                                   |
| 1.458                           | Index of Refraction (n <sub>d</sub> ):            |
|                                 |                                                   |
| 10-5                            | Surface Quality:                                  |
|                                 |                                                   |
| 0                               | Angle of Incidence (°):                           |
|                                 |                                                   |
| Laser V-Coat (515nm)            | Coating:                                          |
|                                 |                                                   |
| 515                             | Design Wavelength DWL (nm):                       |
|                                 |                                                   |
| 67.8                            | Abbe Number (v <sub>d</sub> ):                    |
|                                 |                                                   |
| λ/10                            | Surface Flatness (P-V):                           |
|                                 |                                                   |
| R <sub>abs</sub> <0.25% @ 515nm | Coating Specification:                            |
|                                 |                                                   |
| 10 J/cm² @ 515nm, 20ns, 20Hz    | Damage Threshold, By Design: <input type="text"/> |
|                                 |                                                   |
| 10 J/cm² @ 515nm, 20ns, 20Hz    | Damage Threshold, Pulsed:                         |

Material Properties

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

Regulatory Compliance

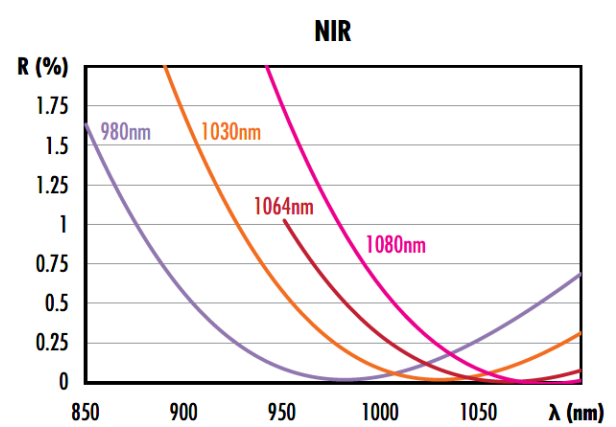
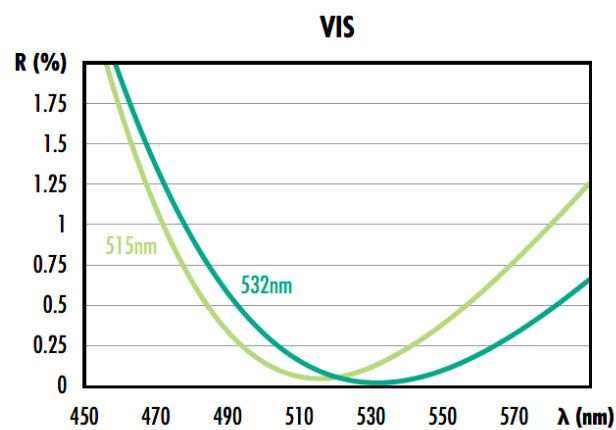
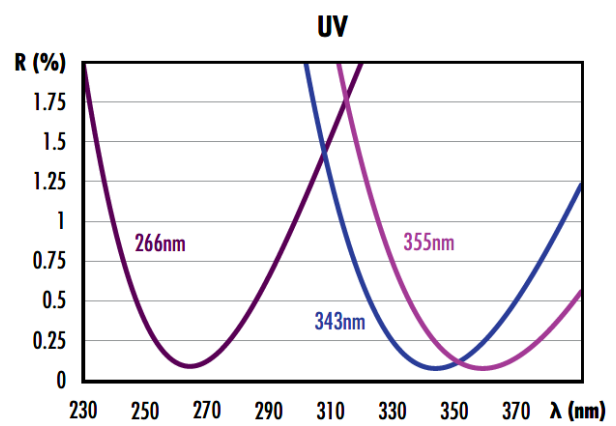
|           |                             |
|-----------|-----------------------------|
| Compliant | RoHS 2015:                  |
|           |                             |
| Compliant | Reach 209:                  |
|           |                             |
| View      | Certificate of Conformance: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

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