

TECHSPEC[®] 12.7mm Dia., 6.35mm Thick, 1064nm, λ /10 N-BK7 Window



TECHSPEC λ /10 Laser Line Coated Windows

Stock **#38-977** CLEARANCE **3 In Stock**

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1

+

S\$155⁴⁰

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Volume Pricing	
Qty 1+	S\$155.40 each
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Product Downloads

General

Laser Line Window

Type:

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:
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Optical Properties

N-BK7	Substrate: ☐
1.516	Index of Refraction (n _d):
10-5	Surface Quality:
0	Angle of Incidence (°):
Laser V-Coat (1064nm)	Coating:
1064	Design Wavelength DWL (nm):
64.17	Abbe Number (v _d):
N10	Surface Flatness (P-V):
R _{abs} <0.25% @ 1064nm	Coating Specification:
15 J/cm ² @ 1064nm, 20ns, 20Hz	Damage Threshold, By Design: ☐
15 J/cm ² @ 1064nm, 20ns, 20Hz	Damage Threshold, Pulsed:

Regulatory Compliance

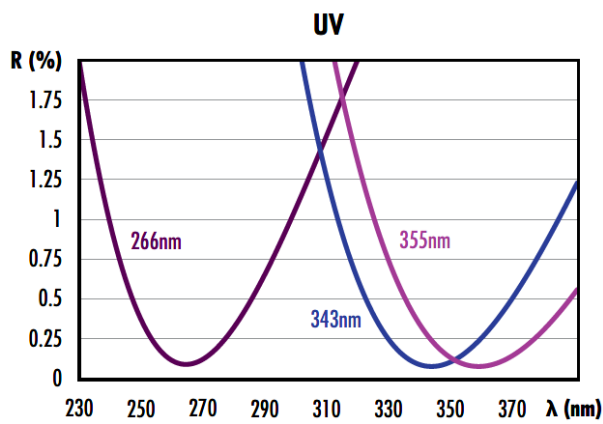
View	Certificate of Conformance:
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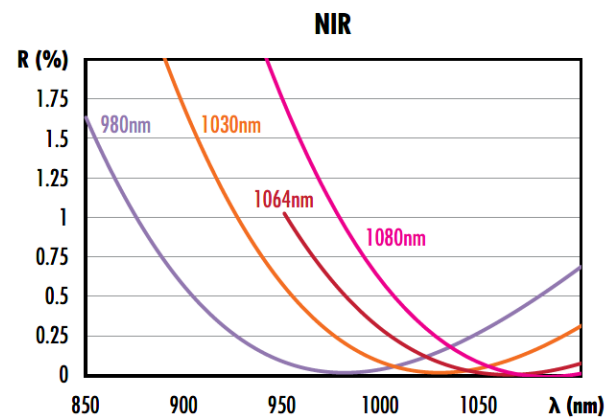
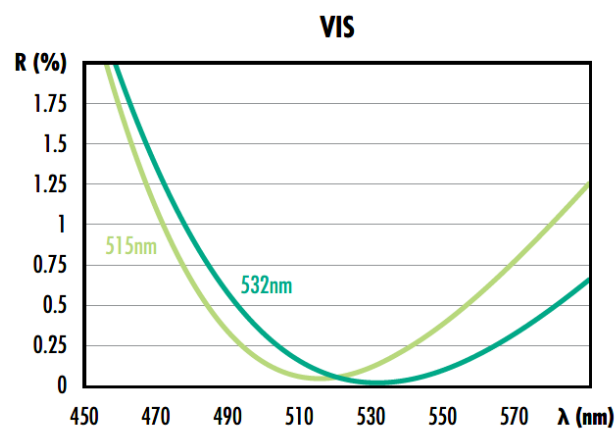
Product Details

- 10-5 Surface Quality
- Damage Thresholds at Design Wavelengths
- Diameters from 12.5 to 76.2mm Available
- [Uncoated Substrates Available](#)

TECHSPEC® N10 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 N10 Laser Line Coated Windows provide laser grade specifications including N10 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