

TECHSPEC[®] 12.7mm Dia., 6.35mm Thick, 1080nm, λ /10 Fused Silica Window



TECHSPEC λ /10 Laser Line Coated Windows

Stock #11-397 17 In Stock

-

1

+

£117^{ea}

ADD TO CART

Volume Pricing	
Qty 1-5	£117.60 each
Qty 6-25	£94.40 each
Qty 26-49	£88.00 each
Need More?	Request Quote

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	
Fused Silica (Corning 7980)	Substrate: ☐
1.458	Index of Refraction (n _d):
10-5	Surface Quality:
0	Angle of Incidence (°):
Laser V-Coat (1080nm)	Coating:
1080	Design Wavelength DWL (nm):
67.8	Abbe Number (v _d):
λ/10	Surface Flatness (P-V):
R _{abs} <0.25% @ 1080nm	Coating Specification:
15 J/cm² @ 1080nm, 20ns, 20Hz	Damage Threshold, By Design: ☐
15 J/cm² @ 1080nm, 20ns, 20Hz	Damage Threshold, Pulsed:

Material Properties	
7980 0F	Fused Silica Grade:

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

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

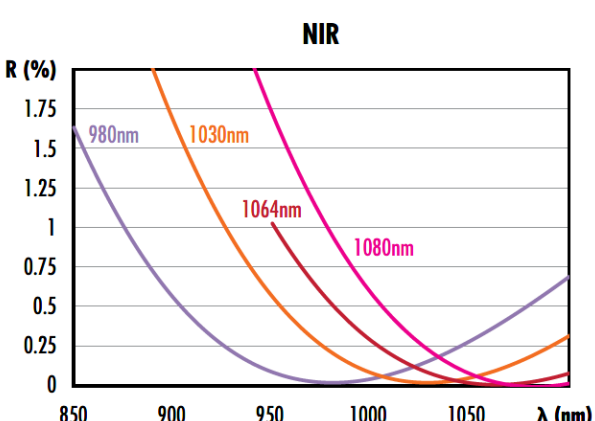
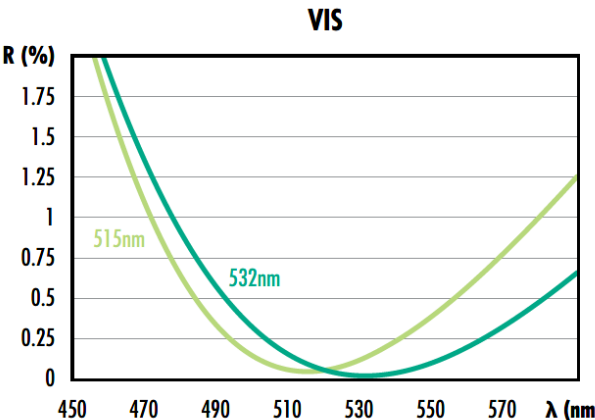
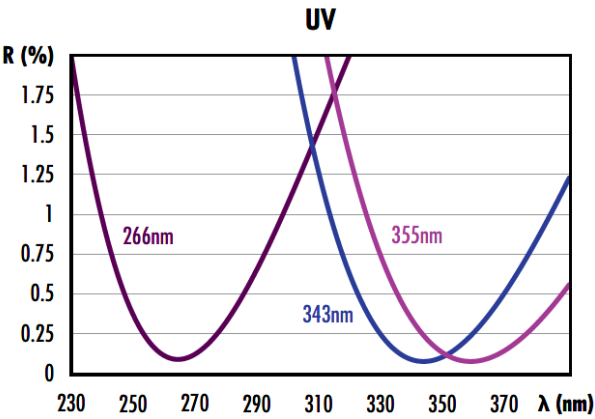
Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

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



Compatible Mounts