TECHSPEC 20mm Diameter VIS-NIR Coated, Ultra-Thin N-BK7 Window

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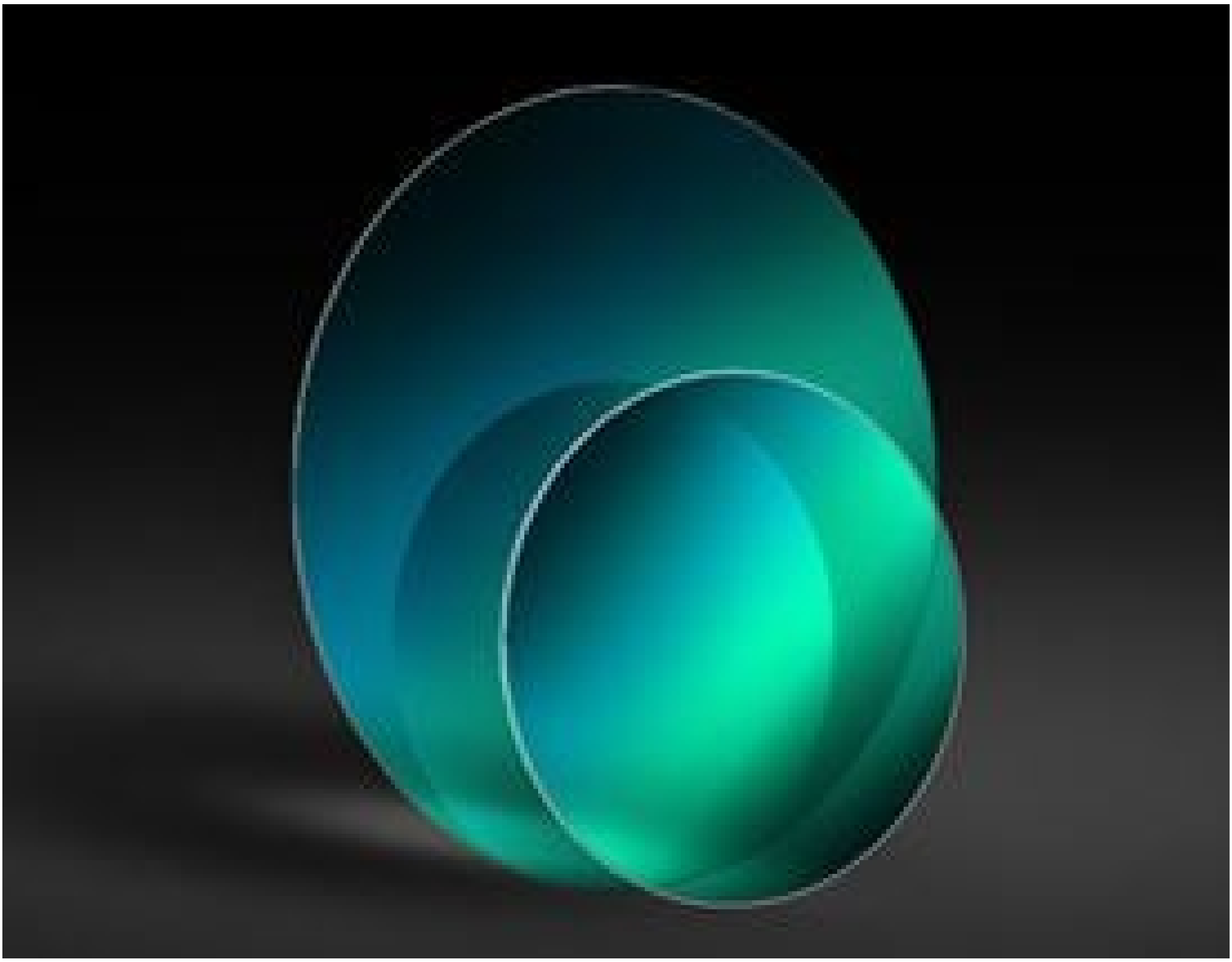

Ultra-Thin N-BK7 Windows

Stock **#22-039** CONTACT US

- 1 + **A$176.00**

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Qty 1-5
A$176.00

Qty 6+
A$137.60

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CUSTOM OPTIONS

Abbe Number (v_d):
64.17

Bevel:
Protective as needed

Clear Aperture CA (mm):
18.00

Diameter (mm):
20.00 +0.00/-0.10

Thickness (mm):
0.20 ±0.025

Coating:
VIS-NIR (400-1000nm)

Coating Specification:
R_{abs} ≤0.25% @ 880nm
R_{avg} ≤1.25% @ 400 - 870nm
R_{avg} ≤1.25% @ 890 - 1000nm

Coefficient of Thermal Expansion CTE (10^{-6}/°C):
7.1 (-30 to +70°C)
8.3 (+20 to +300°C)

Density (g/cm^3):
2.51

Edges:
Fine Ground

Index of Refraction n_d:
1.516

Knoop Hardness (kg/mm^2):
610

Parallelism (arcsec):
<30

Poisson's Ratio:
0.206

Substrate:
N-BK7

Surface Quality:
20-10

Transmitted Wavefront, P-V:
λ/2

Type:
Protective Window

Wavelength Range (nm):
400 - 1000

Young's Modulus (GPa):
82

Damage Threshold, By Design:
5 J/cm^2 @ 532nm, 10ns

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 235:
Compliant