

TECHSPEC® 75mm Dia. x 200mm FL, VIS-NIR Coated, Achromatic Lens



Stock #88-596 In Stock

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1 **C\$507.50**

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Qty 1-5

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Diameter (mm):
75.00 +0.0/-0.025

Effective Focal Length EFL (mm):

200.00

Focal Length Tolerance (%):

±1

Back Focal Length BFL (mm):

187.69

Focal Length Specification Wavelength (nm):

587.6

Clear Aperture CA (mm):

73.5

Centering (arcmin):

<1

Center Thickness CT (mm):

23.94 ±0.20

Center Thickness CT 1 (mm):

17.94 ±0.10

Center Thickness CT 2 (mm):

6.00 ±0.10

Radius R₁ (mm):

118.81

Radius R₂ (mm):

-96.37

Radius R₃ (mm):

-288.97

Edge Thickness ET (mm):

15.42

Substrate:

[N-BK7](#) / [N-SF5](#)

Surface Quality:

40-20

f/#:

2.7

Numerical Aperture NA:

0.19

Coating:

VIS-NIR (400-1000nm)

Coating Specification:

R_{abs} ≤0.25% @ 880nm

R_{avg} ≤1.25% @ 400 - 870nm

R_{avg} ≤1.25% @ 890 - 1000nm

Power (P-V) @ 632.8nm:

1.5λ

Irregularity (P-V) @ 632.8nm:

λ/4

Bevel:

Protective bevel as needed

Type:

Achromatic Lens

Wavelength Range (nm):

400 - 1000

Regulatory Compliance

RoHS 2015:

[Compliant](#)

Certificate of Conformance:

[View](#)

Reach 240:

[Compliant](#)