

TECHSPEC® 40mm Dia. x 120mm FL, VIS-NIR Coated, Achromatic Lens



Stock #49-381 In Stock

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⊖ 1 ⊕ **£153.00**

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Qty 1-5

£153.00

Qty 6+

£122.40

Volume Pricing

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! Prices shown are exclusive of VAT/local taxes

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Diameter (mm):
40.00 +0.0/-0.025

Effective Focal Length EFL (mm):
120.00

Focal Length Tolerance (%):
±1

Back Focal Length BFL (mm):
111.00

Focal Length Specification Wavelength (nm):
587.6

Clear Aperture CA (mm):
39.00

Centering (arcmin):
<1

Center Thickness CT (mm):
13.80 ±0.20

Center Thickness CT 1 (mm):
9.6 ±0.10

Center Thickness CT 2 (mm):
4.2 ±0.10

Radius R₁ (mm):
65.22

Radius R₂ (mm):
-62.03

Radius R₃ (mm):
-1240.67

Edge Thickness ET (mm):
10.51

Substrate:
[N-SSK8](#) / [N-SF10](#)

Surface Quality:
40-20

f#:
3.00

Numerical Aperture NA:
0.17

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](#)

Reach 219:
[Compliant](#)

Certificate of Conformance:
[View](#)