

TECHSPEC® 40mm Dia. x 60mm FL, VIS-NIR Coated, Achromatic Lens



Stock #49-379 3-4 DAYS

[Other Coating Options](#)

⊖ 1 ⊕ **€180,00**

ADD TO CART

Qty 1-5

€180,00

Qty 6+

€144,00

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):
60.00

Focal Length Tolerance (%):
±1

Back Focal Length BFL (mm):
50.29

Focal Length Specification Wavelength (nm):
587.6

Clear Aperture CA (mm):
39.00

Centering (arcmin):
<1

Center Thickness CT (mm):
17.46 ±0.20

Center Thickness CT 1 (mm):
14.46 ±0.10

Center Thickness CT 2 (mm):
3.00 ±0.10

Radius R₁ (mm):
37.33

Radius R₂ (mm):
-31.54

Radius R₃ (mm):
-124.51

Edge Thickness ET (mm):
10.03

Substrate:
[N-SK11](#) / [N-SF5](#)

Surface Quality:
40-20

f#:
1.5

Numerical Aperture NA:
0.33

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](#)