

TECHSPEC® 40.0mm Dia. x 400.0mm FL, VIS-NIR Coated, Plano-Convex Lens



Stock #47-392 3-4 DAYS

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⊖ 1 ⊕ **£56.52**

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Qty 1-9

£56.52

Qty 10+

£50.79

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):
400.00 @ 587.6nm

Back Focal Length BFL (mm):
396.70

Coating:
VIS-NIR (400-1000nm)

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

Substrate:
[N-BK7](#)

Surface Quality:
40-20

Power (P-V) @ 632.8nm:
1.5λ

Irregularity (P-V) @ 632.8nm:
λ/4

Focal Length Tolerance (%):
±1

Centering (arcmin):
<1

Center Thickness CT (mm):
5.00 ± 0.10

Edge Thickness ET (mm):
4.03

Radius R₁ (mm):
206.72

Clear Aperture CA (mm):
39

f#:
10.00

Numerical Aperture NA:
0.05

Type:
Plano-Convex Lens

Bevel:
Protective bevel as needed

Wavelength Range (nm):
400 - 1000

Damage Threshold, By Design:
5 J/cm² @ 532nm, 10ns

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Certificate of Conformance:
[View](#)

Reach 235:
[Compliant](#)