

TECHSPEC® 40mm Dia x -80mm FL Negative Doublet Lens MgF₂ Coated



Stock #63-764 3-4 DAYS

⊖ 1 ⊕ **€172,50**

ADD TO CART

Qty 1-5

€172,50

Qty 6+

€138,00

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):
-80.00

Focal Length Tolerance (%):
±1

Back Focal Length BFL (mm):
-84.47

Focal Length Specification Wavelength (nm):
587.6

Clear Aperture CA (mm):
39.00

Centering (arcmin):
<1

Center Thickness CT (mm):
10.50 ±0.20

Center Thickness CT 1 (mm):
4.00 ±0.10

Center Thickness CT 2 (mm):
6.50 ±0.10

Radius R₁ (mm):
-47.32

Radius R₂ (mm):
40.51

Radius R₃ (mm):
128.26

Edge Thickness ET (mm):
16.26

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

Surface Quality:
40-20

f#:
2.00

Numerical Aperture NA:
0.25

Coating:
MgF₂ (400-700nm)

Coating Specification:
R_{avg} ≤ 1.75% @ 400 - 700nm

Power (P-V) @ 632.8nm:
1.5λ

Irregularity (P-V) @ 632.8nm:
λ/4

Bevel:
Protective bevel as needed

Type:
Negative Achromatic Lens

Wavelength Range (nm):
400 - 700

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Reach 219:
[Compliant](#)

Certificate of Conformance:
[View](#)