

TECHSPEC®

75.0mm Dia. x 500.0mm FL, VIS 0° Coated, Plano-Convex Lens



Stock **#86-084** 3-4 DAYS

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€125,00

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Qty 1-9
€125,00
Qty 10+
€112,50
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ⓘ Prices shown are exclusive of VAT/local taxes

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Diameter (mm):
75.00 +0.0/-0.025

Effective Focal Length EFL (mm):

500.00 @ 587.6nm
Back Focal Length BFL (mm): 494.73
Coating: VS 0° (425-675nm)
Coating Specification: R _{avg} ≤ 0.4% @ 425 - 675nm
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): 8.00 ± 0.10
Edge Thickness ET (mm): 5.26
Radius R₁ (mm): 258.40
Clear Aperture CA (mm): 73.5
f/#: 6.67
Numerical Aperture NA: 0.07
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 425 - 675
Damage Threshold, Reference: ☐ 5 J/cm² @ 532nm, 10ns

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant