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SUBMIT

TECHSPEC® 10mm Dia. X 100mm FL, VIS-NIR Coated, Double-Convex Lens



Stock #63-670 3-4 DAYS

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1



€43,00

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Qty 1-9

€43,00

Qty 10+

€38,75

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Diameter (mm):
10.00 +0.0/-0.025

Back Focal Length BFL (mm):

99.17
Effective Focal Length EFL (mm): 100.00
Coating: VIS-NIR (400-1000nm)
Coating Specification: R _{abs} ≤0.25% @ 880nm R _{avg} ≤1.25% @ 400 - 870 nm 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
Centering (arcmin): <1
Bevel: Protective bevel as needed
Center Thickness CT (mm): 2.50
Center Thickness Tolerance (mm): ±0.05
Edge Thickness ET (mm): 2.26
Radius R₁=R₂ (mm): 102.93
Clear Aperture CA (mm): 9.00
f/#: 10.00
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Numerical Aperture NA: 0.05
Type: Double-Convex Lens
Wavelength Range (nm): 400 - 1000
Damage Threshold, By Design: ☐ 5 J/cm ² @ 532nm, 10ns

Regulatory Compliance

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