

TECHSPEC® 3mm Dia. x 12mm FL, VIS 0° Coated, Achromatic Lens



Stock **#49-273** 3-4 DAYS

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€119,00

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Qty 1-5

€119,00

Qty 6+

€95,25

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Diameter (mm):
3.00 +0.0/-0.025

Effective Focal Length EFL (mm):

12.00
Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 10.77
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 2.7
Centering (arcmin): <1
Center Thickness CT (mm): 2.68 ±0.10
Center Thickness CT 1 (mm): 1.68 ±0.05
Center Thickness CT 2 (mm): 1.00 ±0.05
Radius R ₁ (mm): 7.39
Radius R ₂ (mm): -5.15
Radius R ₃ (mm): -14.62
Edge Thickness ET (mm): 2.45
Substrate:  N-BK7 / N-SF5
Surface Quality: 20-10
f/#: 4.00
Numerical Aperture NA: 0.13
Coating: VIS 0° (425-675nm)
Coating Specification: R _{avg} ≤0.4% @ 425 - 675nm
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): 425 - 675

Regulatory Compliance

RoHS 2015: Compliant
Reach 219: Compliant
Certificate of Conformance: View