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TECHSPEC® 40mm Dia. X 200mm FL, VIS-NIR Coated, Achromatic Lens



Stock #49-383 ☒ In Stock

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1



€180,00

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Qty 1-5

€180,00

Qty 6+

€144,00

Volume Pricing

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Diameter (mm):
40.00 +0.0/-0.025

Effective Focal Length EFL (mm):

200.00
Focal Length Tolerance (%) : ±1
Back Focal Length BFL (mm) : 194.21
Focal Length Specification Wavelength (nm) : 587.6
Clear Aperture CA (mm) : 39.00
Centering (arcmin) : <1
Center Thickness CT (mm) : 12.50 ±0.20
Center Thickness CT 1 (mm) : 8.50 ±0.10
Center Thickness CT 2 (mm) : 4.00 ±0.10
Radius R₁ (mm) : 124.12
Radius R₂ (mm) : -87.26
Radius R₃ (mm) : -253.10
Edge Thickness ET (mm) : 10.09
Substrate:  N-BK7 / N-SF5
Surface Quality : 40-20
f/# : 5.00
Numerical Aperture NA : 0.10
Coating : VIS-NIR (400-1000nm)
Coating Specification : R _{abs} ≤0.25% @ 880nm R _{avg} ≤1.25% @400 - 870nm R _{avg} ≤1.25% @890 - 1000nm
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) : 400 - 1000

Regulatory Compliance

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