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TECHSPEC® 25mm Dia. X 40mm FL, NIR II Coated, Achromatic Lens



Stock #45-801 ☐ In Stock
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1 €133,00

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Qty 1-5
€133,00
Qty 6+
€106,50
Volume Pricing
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Diameter (mm):
25.00 +0.0/-0.025

Effective Focal Length EFL (mm):

40.00
Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 31.74
Focal Length Specification Wavelength (nm): 880.00
Clear Aperture CA (mm): 24.00
Centering (arcmin): <1
Center Thickness CT (mm): 15.00 ±0.20
Center Thickness CT 1 (mm): 11.00 ±0.10
Center Thickness CT 2 (mm): 4.00 ±0.10
Radius R ₁ (mm): 26.27
Radius R ₂ (mm): -22.26
Radius R ₃ (mm): -105.93
Edge Thickness ET (mm): 11.09
Substrate:  N-LAK22 / N-SF6
Surface Quality: 40-20
f/#: 1.6
Numerical Aperture NA: 0.31
Coating: NIR II (750-1550nm)
Coating Specification: R _{abs} ≤1.5% @ 750 - 800nm R _{abs} ≤1.0% @ 800 - 1550nm R _{avg} ≤0.7% @ 750 - 1550nm
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): 750 - 1550

Regulatory Compliance

RoHS 2015: Compliant
Reach 224: Compliant
Certificate of Conformance: View