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TECHSPEC® 18mm Dia. X 27mm FL, VIS-NIR, Inked, Achromatic Lens



Stock #49-339-INK [CONTACT US](#)

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€112,00

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Qty 1-5
€112,00

Qty 6+
€89,50

Volume Pricing
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Diameter (mm):
18.00 ±0.025

Effective Focal Length EFL (mm):

27.00
Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 21.74
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 17.00
Centering (arcmin): <1
Center Thickness CT (mm): 9.27 ±0.20
Center Thickness CT 1 (mm): 7.67 ±0.10
Center Thickness CT 2 (mm): 1.60 ±0.10
Radius R ₁ (mm): 18.70
Radius R ₂ (mm): -13.11
Radius R ₃ (mm): -119.12
Edge Thickness ET (mm): 6.62
Substrate:  N-BAF10 / N-SF10
Surface Quality: 40-20
f/#: 1.5
Numerical Aperture NA: 0.33
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: Compliant
Certificate of Conformance: View