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SUBMIT

TECHSPEC® 12.0mm Dia. x 48.0mm FL, VIS-NIR, Inked, Plano-Convex Lens



Stock #45-486-INK 3-5 DAYS

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1



€54,00

ADD TO CART

Qty 1-9

€54,00

Qty 10+

€48,50

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Diameter (mm):
12.00 ±0.025

Effective Focal Length EFL (mm):

48.00 @ 587.6nm
Back Focal Length BFL (mm): 46.36
Coating: VIS-NIR (400-1000nm)
Coating Specification: R _{abs} ≤0.25% @ 880nm R _{avg} ≤1.25% @ 400 - 870nm 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
Focal Length Tolerance (%): ±1
Centering (arcmin): <1
Center Thickness CT (mm): 2.50 ±0.05
Edge Thickness ET (mm): 1.76
Radius R₁ (mm): 24.82
Clear Aperture CA (mm): 11
f/#: 4.00
Numerical Aperture NA: 0.13
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 400 - 1000
Damage Threshold, By Design: ☐ 5 J/cm² @ 532nm, 10ns

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View