

TECHSPEC® 12mm Dia. x 48mm FL, VIS 0° Inked, Double-Convex Lens



Stock **#47-363-INK** 3-5 DAYS

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- 1 +

C\$73.50

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Diameter (mm):
12.00 ±0.025

Back Focal Length BFL (mm):
47.09

Effective Focal Length EFL (mm): 48.00
Coating: VS 0° (425-675nm)
Coating Specification: R _{avg} ≤0.4% @ 425 - 675nm
Substrate: ☐ N-BK7
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Centering (arcmin): <1
Bevel: Protective bevel as needed
Center Thickness CT (mm): 2.74
Center Thickness Tolerance (mm): ±0.05
Edge Thickness ET (mm): 2.00
Radius R₁=R₂ (mm): 49.14
Clear Aperture CA (mm): 11.00
f/#: 4.00
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Numerical Aperture NA: 0.13
Type: Double-Convex Lens
Wavelength Range (nm): 425 - 675
Damage Threshold, By Design: ☐ 5 J/cm² @ 532nm, 10ns

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View