

TECHSPEC® 20mm Dia. x 50mm FL, VIS-EXT, Inked, Double-Convex Lens



Stock **#89-172-INK** [CONTACT US](#)

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- 1 +

C\$80.50

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Diameter (mm):
20.00 ±0.025

Back Focal Length BFL (mm):
48.84

Effective Focal Length EFL (mm):

50.00
Coating: VS-EXT (350-700nm)
Coating Specification: R _{avg} <0.5% @ 350 - 700nm
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): 3.50
Center Thickness Tolerance (mm): ±0.10
Edge Thickness ET (mm): 1.52
Radius R₁=R₂ (mm): 51.08
Clear Aperture CA (mm): 19.00
f/#: 2.5
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Numerical Aperture NA: 0.20
Type: Double-Convex Lens
Wavelength Range (nm): 350 - 700

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View