

TECHSPEC®

20mm Dia. x 40mm FL, VIS-NIR, Inked, Double-Convex Lens



Stock **#45-886-INK** [CONTACT US](#)

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1

+

£48.88

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Diameter (mm):
20.00

Back Focal Length BFL (mm):
38.44

Effective Focal Length EFL (mm): 40.00
Coating: VIS-NIR (400-1000nm)
Coating Specification: R _{abs} ≤0.25% @ 880nm R _{avg} ≤1.25% @ 400 - 870 nm R _{avg} ≤1.25% @ 890 - 1000nm
Substrate: ☐ N-BK7
Surface Quality: 40-20
Centering (arcmin): <1
Bevel: Protective bevel as needed
Center Thickness CT (mm): 5.30
Center Thickness Tolerance (mm): ±0.10
Edge Thickness ET (mm): 2.80
Radius R₁=R₂ (mm): 40.67
Clear Aperture CA (mm): 19.00
f/#: 2.00
Focal Length Tolerance (%): ±1
Numerical Aperture NA: 0.25
Type: Double-Convex Lens
Wavelength Range (nm): 400 - 1000

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View