

TECHSPEC® 10mm Dia. x 20mm FL, VIS-NIR Inked, Double-Convex Lens



Stock #63-665-INK 10-15 DAYS

[Other Coating Options](#)

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+

A\$84.80

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Qty 1-9
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Diameter (mm):
10.00 ±0.025

Back Focal Length BFL (mm):
19.16

Effective Focal Length EFL (mm): 20.00
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
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): 2.50
Center Thickness Tolerance (mm): ±0.05
Edge Thickness ET (mm): 1.25
Radius R₁–R₂ (mm): 20.24
Clear Aperture CA (mm): 9.00
f/#: 2.00
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Numerical Aperture NA: 0.25
Type: Double-Convex Lens
Wavelength Range (nm): 400 - 1000
Damage Threshold, By Design: ☐ 5 J/cm ² @ 532nm, 10ns

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View