

TECHSPEC®

20mm Dia. x 80mm FL, NIR I Inked, Double-Convex Lens



Stock #63-650-INK

17 TO 22 D=DAYS

[Other Coating Options](#)

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+

₹4,698.00

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Diameter (mm):

20.00 ±0.025

Back Focal Length BFL (mm):

78.67

Effective Focal Length EFL (mm): 80.00
Coating: NIR I (600-1050nm)
Coating Specification: R _{avg} ≤0.5% @ 600 - 1050nm
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): 4.00
Center Thickness Tolerance (mm): ±0.10
Edge Thickness ET (mm): 2.78
Radius R₁=R₂ (mm): 82.00
Clear Aperture CA (mm): 19.00
f/#: 4.00
Focal Length Specification Wavelength (nm): 587.6
Numerical Aperture NA: 0.13
Type: Double-Convex Lens
Wavelength Range (nm): 600 - 1050
Damage Threshold, By Design: ☐ 7 J/cm² @ 1064nm, 10ns

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View