

TECHSPEC®

40mm Dia. x 80mm FL, NIR I, Inked, Double-Convex Lens



Stock **#33-423-INK** [CONTACT US](#)

[Other Coating Options](#)

-

1

+

£61.63

ADD TO CART

Qty 1-9
£61.63
Qty 10+
£55.46
Volume Pricing
Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
40.00 ±0.025

Back Focal Length BFL (mm):

77.32
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): 8.00
Center Thickness Tolerance (mm): ±0.10
Edge Thickness ET (mm): 3.00
Radius R₁=R₂ (mm): 81.3
Clear Aperture CA (mm): 39.00
f/#: 2.00
Focal Length Specification Wavelength (nm): 587.6
Numerical Aperture NA: 0.25
Type: Double-Convex Lens
Wavelength Range (nm): 600 - 1050
Damage Threshold, By Design: ☐ 7 J/cm ² @ 1064nm, 10ns

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View