

TECHSPEC®

6mm Dia. x 18mm FL, NIR I, Inked, Double-Convex Lens



Stock **#49-460-INK** 17 TO 22 D= DAYS

[Other Coating Options](#)



1



₹4,307.00

ADD TO CART

Qty 1-9

₹4,307.00

Qty 10+

₹3,872.00

Volume Pricing

[Request Quote](#)

Get Product Downloads



Diameter (mm):
6.00 ±0.025

Back Focal Length BFL (mm):
17.26

Effective Focal Length EFL (mm): 18.00
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): 2.20
Center Thickness Tolerance (mm): ±0.05
Edge Thickness ET (mm): 1.70
Radius R₁=R₂ (mm): 18.22
Clear Aperture CA (mm): 5.4
f/#: 3.00
Focal Length Specification Wavelength (nm): 587.6
Numerical Aperture NA: 0.17
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