

TECHSPEC®

4.5mm Dia. x 4.5mm FL, NIR II Coated, Double-Convex Lens



Stock **#67-594** 3-4 DAYS

[Other Coating Options](#)

-

1

+

€62,50

ADD TO CART

Qty 1-9
€62,50
Qty 10+
€56,25
Volume Pricing
Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
4.50 +0.0/-0.025

Back Focal Length BFL (mm):

3.70
Effective Focal Length EFL (mm): 4.50
Coating: NIR II (750-1550nm)
Coating Specification: R _{abs} ≤1.5% @ 750 - 800nm R _{abs} ≤1.0% @ 800 - 1550nm R _{avg} ≤0.7% @ 750 - 1550nm
Substrate: ☐ N-LASF44
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Centering (arcmin): 30-45, typical
Center Thickness CT (mm): 2.60
Center Thickness Tolerance (mm): ±0.05
Edge Thickness ET (mm): 1.80
Radius R₁=R₂ (mm): 6.58
Clear Aperture CA (mm): 4.05
f/#: 2.00
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1.00
Numerical Aperture NA: 0.25
Type: Double-Convex Lens
Wavelength Range (nm): 750 - 1550
Damage Threshold, Reference: ☐ 8 J/cm ² @ 1064nm, 10ns

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant