

TECHSPEC®

3.0mm Dia. x 4.5mm FL, NIR I Coated, Plano-Convex Lens



Stock **#45-961** 3-4 DAYS

[Other Coating Options](#)

-

1

+

€64,50

ADD TO CART

Qty 1-9
€64,50
Qty 10+
€58,00
Volume Pricing
Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
3.00 +0.0/-0.025

Effective Focal Length EFL (mm):

4.50 @ 587.6nm
Back Focal Length BFL (mm): 3.50
Coating: NIR I (600-1050nm)
Coating Specification: R _{avg} ≤0.5% @ 600 - 1050nm
Substrate: ☐ N-LASF44
Surface Quality: 20-10
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Focal Length Tolerance (%): ±1
Centering (arcmin): 30-45, typical
Center Thickness CT (mm): 1.80 ±0.05
Edge Thickness ET (mm): 1.47
Radius R₁ (mm): 3.62
Clear Aperture CA (mm): 2.5
f/#: 1.5
Numerical Aperture NA: 0.33
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 600 - 1050
Damage Threshold, By Design: ☐ 7 J/cm ² @ 1064nm, 10ns

Regulatory Compliance

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