

In order to provide more accurate inventory information, please select your shipping country:

Select Your Country/Region: European Union

SUBMIT

TECHSPEC® 5mm Dia. X 5mm FL, NIR II Coated, Double-Convex Lens



Stock #67-596 3-4 DAYS

[Other Coating Options](#)



1



€49,50

ADD TO CART

Qty 1-9

€49,50

Qty 10+

€44,50

Volume Pricing

[Request Quote](#)

Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
5.00 +0.0/-0.025

Back Focal Length BFL (mm):

4.19
Effective Focal Length EFL (mm): 5.00
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-SF5
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): 2.50
Center Thickness Tolerance (mm): ±0.05
Edge Thickness ET (mm): 1.44
Radius R₁=R₂ (mm): 6.18
Clear Aperture CA (mm): 4.50
f/#: 1.00
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1.00
Numerical Aperture NA: 0.50
Type: Double-Convex Lens
Wavelength Range (nm): 750 - 1550
Damage Threshold, By Design: ☐ 8 J/cm ² @ 1064nm, 10ns

Regulatory Compliance

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