

TECHSPEC® 50mm Dia. x 250mm FL, NIR I Coated, Double-Convex Lens



Stock **#49-512** 3-4 DAYS

[Other Coating Options](#)

- 1 + **€65,00**

ADD TO CART

Qty 1-9
€65,00
Qty 10+
€58,50
Volume Pricing
Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
50.00 +0.0/-0.025

Back Focal Length BFL (mm):

248.37
Effective Focal Length EFL (mm): 250.00
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): 4.93
Center Thickness Tolerance (mm): ±0.10
Edge Thickness ET (mm): 2.50
Radius R₁=R₂ (mm): 257.57
Clear Aperture CA (mm): 49.00
f/#: 5.00
Focal Length Specification Wavelength (nm): 587.6
Numerical Aperture NA: 0.10
Type: Double-Convex Lens
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