

TECHSPEC® 6.0mm Dia. x 72.0mm FL, NIR II Coated, Plano-Convex Lens



Stock **#67-471** [CONTACT US](#)

[Other Coating Options](#)



1



A\$59.20

ADD TO CART

Qty 1-9

A\$59.20

Qty 10+

A\$53.20

Volume Pricing

[Request Quote](#)

Get Product Downloads



Diameter (mm):
6.00 +0.0/-0.025

Effective Focal Length EFL (mm):
72.00 @ 587.6nm

Back Focal Length BFL (mm): 70.97
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-BK7
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Focal Length Tolerance (%): ±1
Centering (arcmin): <1
Center Thickness CT (mm): 1.60 ±0.05
Edge Thickness ET (mm): 1.48
Radius R₁ (mm): 37.22
Clear Aperture CA (mm): 5.4
f#: 12
Numerical Aperture NA: 0.04
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
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