

TECHSPEC® 50.0mm Dia. x 175.0mm FL, VIS 0°, Inked, Plano-Convex Lens



Stock **#48-249-INK** [CONTACT US](#)

[Other Coating Options](#)

[-](#) 1 [+](#) **£59.92**

ADD TO CART

Qty 1-9
£59.92
Qty 10+
£53.98
Volume Pricing
Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
50.00 ±0.025

Effective Focal Length EFL (mm):

175.00 @587.6nm
Back Focal Length BFL (mm): 169.05
Coating: VS 0° (425-675nm)
Coating Specification: R _{avg} ≤0.4% @ 425 - 675nm
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): 9.00 ±0.10
Edge Thickness ET (mm): 5.48
Radius R₁ (mm): 90.44
Clear Aperture CA (mm): 49
f/#: 3.5
Numerical Aperture NA: 0.14
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 425 - 675
Damage Threshold, By Design: ☐ 5 J/cm² @ 532nm, 10ns

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View