

TECHSPEC®

12.7mm Dia. x 31.8mm FL, VIS-EXT, Inked, Plano-Convex Lens



Stock **#88-689-INK** 10-15 DAYS
[Other Coating Options](#)

- 1 +

S\$76.85

ADD TO CART

Qty 1-9
S\$76.85
Qty 10+
S\$69.24
Volume Pricing
Request Quote

Get Product Downloads



Diameter (mm):
12.70 ±0.025

Effective Focal Length EFL (mm):
31.80 @ 587.6nm

Back Focal Length BFL (mm): 29.81
Coating: VIS-EXT (350-700nm)
Coating Specification: R _{avg} <0.5% @ 350 - 700nm
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): 3.00 ±0.10
Edge Thickness ET (mm): 1.72
Radius R₁ (mm): 16.43
Clear Aperture CA (mm): 11.7
f/#: 2.5
Numerical Aperture NA: 0.20
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 350 - 700
Damage Threshold, By Design: ☐ 5 J/cm ² @ 532nm, 10ns

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View