

TECHSPEC[®] 12.0mm Dia. x 84.0mm FL, VIS-EXT Coated Plano-Convex Lens



Stock **#88-683** 3-5 DAYS

[Other Coating Options](#)



1



A\$70.40

ADD TO CART

Qty 1-9

A\$70.40

Qty 10+

A\$63.20

Volume Pricing

[Request Quote](#)

Get Product Downloads



Diameter (mm):
12.00 +0.0/-0.025

Effective Focal Length EFL (mm):
84.00 @ 587.6nm

Back Focal Length BFL (mm): 82.39
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): 2.50 ±0.05
Edge Thickness ET (mm): 2.08
Radius R₁ (mm): 43.43
Clear Aperture CA (mm): 11
f#: 7
Numerical Aperture NA: 0.07
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 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant