

TECHSPEC[®] 50.0mm Dia. x 50.0mm FL, VIS 0° Coated, Plano-Convex Lens



Stock **#48-244** 3-4 DAYS

[Other Coating Options](#)

-

1

+

£55.25

ADD TO CART

Qty 1-9

£55.25

Qty 10+

£49.73

Volume Pricing

[Request Quote](#)

!

 Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
50.00 +0.0/-0.025

Effective Focal Length EFL (mm):

50.00 @ 587.6nm
Back Focal Length BFL (mm): 43.28
Coating: VS 0° (425-675nm)
Coating Specification: R _{avg} ≤0.4% @ 425 - 675nm
Substrate: ☐ N-SF11
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): 12.00 ±0.10
Edge Thickness ET (mm): 3.00
Radius R₁ (mm): 39.24
Clear Aperture CA (mm): 49
f/#: 1
Numerical Aperture NA: 0.50
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 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant