

TECHSPEC® 5.0mm Dia. x 10.0mm FL, VIS-NIR Coated, Plano-Convex Lens



Stock **#47-858** ☐ In Stock
[Other Coating Options](#)

1 **€48,50**

ADD TO CART

Qty 1-9
€48,50
Qty 10+
€43,75
Volume Pricing
Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
5.00 +0.0/-0.025

Effective Focal Length EFL (mm):

10.00 @ 587.6nm
Back Focal Length BFL (mm): 8.91
Coating: VIS-NIR (400-1000nm)
Coating Specification: R _{abs} ≤0.25% @ 880nm R _{avg} ≤1.25% @ 400 - 870nm R _{avg} ≤1.25% @ 890 - 1000nm
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): <3
Center Thickness CT (mm): 1.64 ±0.05
Edge Thickness ET (mm): 1.00
Radius R₁ (mm): 5.17
Clear Aperture CA (mm): 4.5
f/#: 2.00
Numerical Aperture NA: 0.25
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 400 - 1000
Damage Threshold, By Design: ☐ 5 J/cm ² @ 532nm, 10ns

Regulatory Compliance

RoHS 2015: Compliant
Reach 219: Compliant
Certificate of Conformance: View