

In order to provide more accurate inventory information, please select your shipping country:

Select Your Country/Region: European Union

SUBMIT

TECHSPEC® 6mm Dia. X 6mm FL, VIS-NIR Coated, Double-Convex Lens



Stock #45-859 3-4 DAYS

[Other Coating Options](#)



1



€42,00

ADD TO CART

Qty 1-9

€42,00

Qty 10+

€37,75

Volume Pricing

[Request Quote](#)

Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
6.00 +0.0/-0.025

Back Focal Length BFL (mm):

5.19
Effective Focal Length EFL (mm): 6.00
Coating: VIS-NIR (400-1000nm)
Coating Specification: R _{abs} ≤0.25% @ 880nm R _{avg} ≤1.25% @ 400 - 870 nm R _{avg} ≤1.25% @ 890 - 1000nm
Substrate: ☐ N-SF5
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Centering (arcmin): <3
Bevel: Protective bevel as needed
Center Thickness CT (mm): 2.54
Center Thickness Tolerance (mm): ±0.05
Edge Thickness ET (mm): 1.29
Radius R₁=R₂ (mm): 7.59
Clear Aperture CA (mm): 5.4
f/#: 1.00
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Numerical Aperture NA: 0.50
Type: Double-Convex Lens
Wavelength Range (nm): 400 - 1000
Damage Threshold, By Design: ☐ 5 J/cm ² @ 532nm, 10ns

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant