

TECHSPEC®

4.5mm Dia. x 4.5mm FL Uncoated, Double-Convex Lens



Stock **#45-176** 10 TO 12 DAYS
[Other Coating Options](#)

-

1

+

₹4,176.00

ADD TO CART

Qty 1-9
₹4,176.00
Qty 10+
₹3,763.00
Volume Pricing
Request Quote

Get Product Downloads



Diameter (mm):
4.50 +0.0/-0.025

Back Focal Length BFL (mm):
3.70

Effective Focal Length EFL (mm): 4.50
Coating: Uncoated
Substrate: 
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Centering (arcmin): 30-45, typical
Bevel: Protective bevel as needed
Center Thickness CT (mm): 2.60
Center Thickness Tolerance (mm): ±0.05
Edge Thickness ET (mm): 1.80
Radius R₁=R₂ (mm): 6.58
Clear Aperture CA (mm): 4.05
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): 350 - 2300

Regulatory Compliance

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