

TECHSPEC[®] 50.0mm Dia. x 75.0mm FL, Uncoated, Plano-Convex Lens



Stock #45-245 10 TO 12 DAYS
[Other Coating Options](#)

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+

₹3,959.00

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Diameter (mm):
50.00 +0.0/-0.025

Effective Focal Length EFL (mm):
75.00 @ 587.6nm

Back Focal Length BFL (mm): 67.75
Coating: Uncoated
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): 11.00 ±0.10
Edge Thickness ET (mm): 1.86
Radius R₁ (mm): 38.76
Clear Aperture CA (mm): 49
f#: 1.5
Numerical Aperture NA: 0.33
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 350 - 2200

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 240: Compliant