

TECHSPEC® 25mm Dia. x 40mm FL, MgF₂ Coated, Double-Convex Lens



Stock **#45-297** [CONTACT US](#)

[Other Coating Options](#)

- 1 + **₹3,263.00**

ADD TO CART

Qty 1-9
₹3,263.00
Qty 10+
₹2,936.00
Volume Pricing
Request Quote

Get Product Downloads



Diameter (mm):
25.00 +0.0/-0.025

Back Focal Length BFL (mm):
38.21

Effective Focal Length EFL (mm): 40.00
Coating: MgF ₂ (400-700nm)
Coating Specification: R _{avg} ≤1.75% @ 400 - 700nm
Substrate: ☐ N-BK7
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Centering (arcmin): <1
Bevel: Protective bevel as needed
Center Thickness CT (mm): 5.30
Center Thickness Tolerance (mm): ±0.10
Edge Thickness ET (mm): 1.34
Radius R₁=R₂ (mm): 40.42
Clear Aperture CA (mm): 24.00
f/#: 1.6
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Numerical Aperture NA: 0.31
Type: Double-Convex Lens
Wavelength Range (nm): 400 - 700
Damage Threshold, By Design: ☐ 10 J/cm ² @ 532nm, 10ns

Regulatory Compliance

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