

TECHSPEC®

25.0mm Dia. x 750.0mm FL, MgF₂ Coated, Inked, Plano-Convex Lens



Stock #45-283-INK

CONTACT US

[Other Coating Options](#)

-

1

+

£38.25

ADD TO CART

Qty 1-9
£38.25
Qty 10+
£34.42
Volume Pricing
Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
25.00 ±0.025

Effective Focal Length EFL (mm):

750.00 @587.6nm
Back Focal Length BFL (mm): 747.89
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
Focal Length Tolerance (%): ±1
Centering (arcmin): <1
Center Thickness CT (mm): 3.20 ±0.10
Edge Thickness ET (mm): 3.00
Radius R₁ (mm): 387.60
Clear Aperture CA (mm): 24
f/#: 30
Numerical Aperture NA: 0.02
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 400 - 700
Damage Threshold, By Design: ☐ 10 J/cm ² @ 532nm, 10ns

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View