

TECHSPEC®

20.0mm Dia. x 80.0mm FL, MgF₂ Coated, Plano-Convex Lens



Stock #45-440

10 TO 12 DAYS

[Other Coating Options](#)

-

1

+

₹3,045.00

ADD TO CART

Qty 1-9
₹3,045.00
Qty 10+
₹2,741.00
Volume Pricing
Request Quote

Get Product Downloads



Diameter (mm):
20.00 +0.0/-0.025

Effective Focal Length EFL (mm):
80.00 @ 587.6nm

Back Focal Length BFL (mm): 78.45
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): 2.35 ±0.10
Edge Thickness ET (mm): 1.13
Radius R₁ (mm): 41.48
Clear Aperture CA (mm): 19
f/#: 4
Numerical Aperture NA: 0.13
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 2015: Compliant
Reach 219: Compliant
Certificate of Conformance: View