

TECHSPEC® 10.0mm Dia. x 20.0mm FL, MgF₂ Coated, Plano-Convex Lens



Stock **#63-486** ☐ In Stock
[Other Coating Options](#)

1 **£28.05**

ADD TO CART

Qty 1-9
£28.05
Qty 10+
£25.29
Volume Pricing
Request Quote

 Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
10.00 +0.0/-0.025

Effective Focal Length EFL (mm):

20.00 @ 587.6nm
Back Focal Length BFL (mm): 18.03
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): 3.00 ±0.05
Edge Thickness ET (mm): 1.71
Radius R₁ (mm): 10.34
Clear Aperture CA (mm): 9
f/#: 2
Numerical Aperture NA: 0.25
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