

TECHSPEC® 25mm Dia. x 250mm FL, MgF₂ Coated, Achromatic Doublet Lens

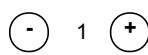


MgF₂ Coated Achromatic Lenses



Stock #32-919 3-5 DAYS

[Other Coating Options](#)



S\$152.25

ADD TO CART

Qty 1-5

S\$152.25

Qty 6+

S\$121.80

Volume Pricing

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Diameter (mm):
25.00 +0.0/-0.025

Effective Focal Length EFL (mm):
250.00

Focal Length Tolerance (%):
±1

Back Focal Length BFL (mm):
246.63

Focal Length Specification Wavelength (nm):
587.6

Clear Aperture CA (mm):
24.00

Centering (arcmin):
<1

Center Thickness CT (mm):
7.50 ±0.20

Center Thickness CT 1 (mm):
5.00 ±0.10

Center Thickness CT 2 (mm):
2.50 ±0.10

Radius R₁ (mm):
160.73

Radius R₂ (mm):
-105.64

Radius R₃ (mm):
-295.75

Edge Thickness ET (mm):
6.75

Substrate:
[N-BK7](#) / [N-SF5](#)

Surface Quality:
40-20

f#:
10.00

Numerical Aperture NA:
0.05

Coating:
MgF₂ (400-700nm)

Coating Specification:
R_{avg} ≤ 1.75% @ 400 - 700nm

Power (P-V) @ 632.8nm:
1.5λ

Irregularity (P-V) @ 632.8nm:
λ/4

Bevel:
Protective bevel as needed

Type:
Achromatic Lens

Wavelength Range (nm):
400 - 700

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Reach 224:
[Compliant](#)

Certificate of Conformance:
[View](#)