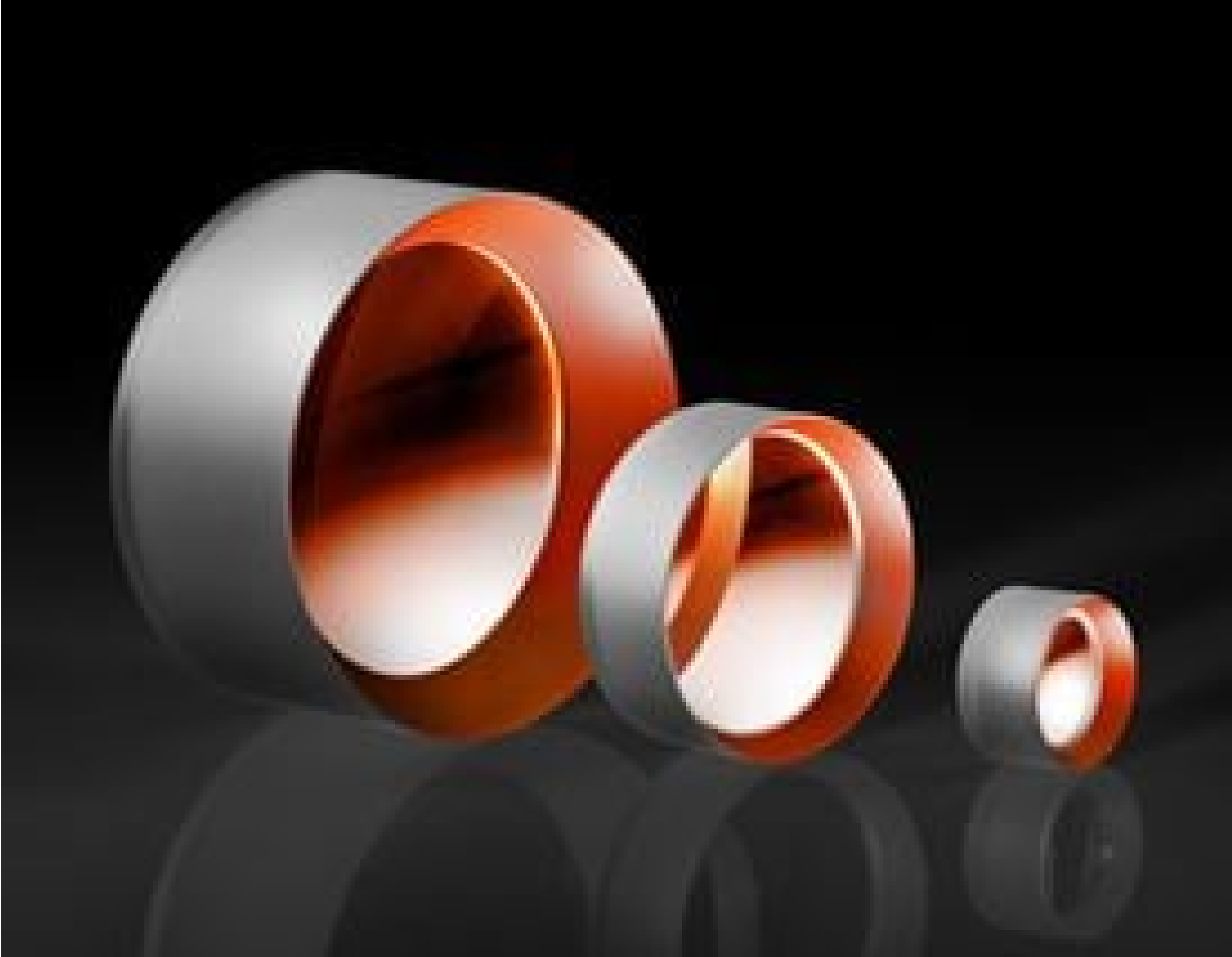


TECHSPEC[®] 25mm Dia x -100mm FL Negative Doublet Lens MgF₂ Coated



Stock #45-222 ☐ In Stock

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-

1

+

£91.80

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Qty 1-5
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Diameter (mm):
25.00 +0.0/-0.025

Effective Focal Length EFL (mm):
-100.00

Focal Length Tolerance (%):

±1
Back Focal Length BFL (mm): -102.37
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 24.00
Centering (arcmin): <1
Center Thickness CT (mm): 4.57 ±0.20
Center Thickness CT 1 (mm): 2.00 ±0.10
Center Thickness CT 2 (mm): 2.57 ±0.10
Radius R ₁ (mm): -70.57
Radius R ₂ (mm): 45.27
Radius R ₃ (mm): 412.67
Edge Thickness ET (mm): 5.81
Substrate:  N-BaF10 / N-SF10
Surface Quality: 40-20
f/#: 4.00
Numerical Aperture NA: 0.13
Coating: MgF ₂ (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: Negative Achromatic Lens
Wavelength Range (nm): 400 - 700

Regulatory Compliance

RoHS 2015: Compliant
Reach 219: Compliant
Certificate of Conformance: View