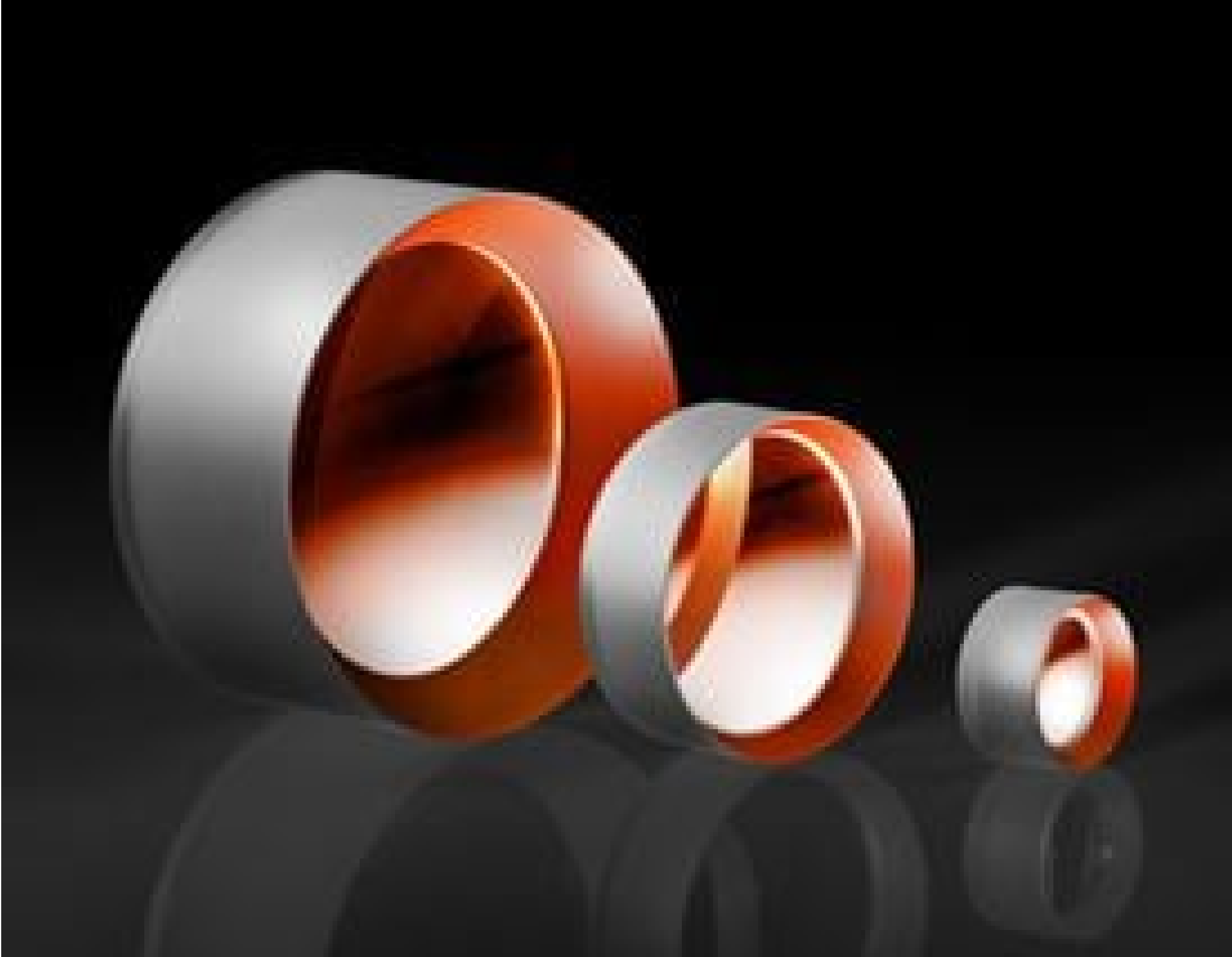


TECHSPEC® 25mm Dia x -75mm FL Negative Doublet Lens MgF₂ Coated



Stock **#45-422** ☐ In Stock
[Other Coating Options](#)

1 **C\$151.20**

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

Effective Focal Length EFL (mm):
-75.00

Focal Length Tolerance (%):
±1

Back Focal Length BFL (mm): -77.65
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 24.00
Centering (arcmin): <1
Center Thickness CT (mm): 6.56 ±0.20
Center Thickness CT 1 (mm): 2.50 ±0.10
Center Thickness CT 2 (mm): 4.06 ±0.10
Radius R₁ (mm): -46.07
Radius R₂ (mm): 36.65
Radius R₃ (mm): 108.00
Edge Thickness ET (mm): 8.90
Substrate:  N-BK7 / N-SF5
Surface Quality: 40-20
f/#: 3.00
Numerical Aperture NA: 0.17
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