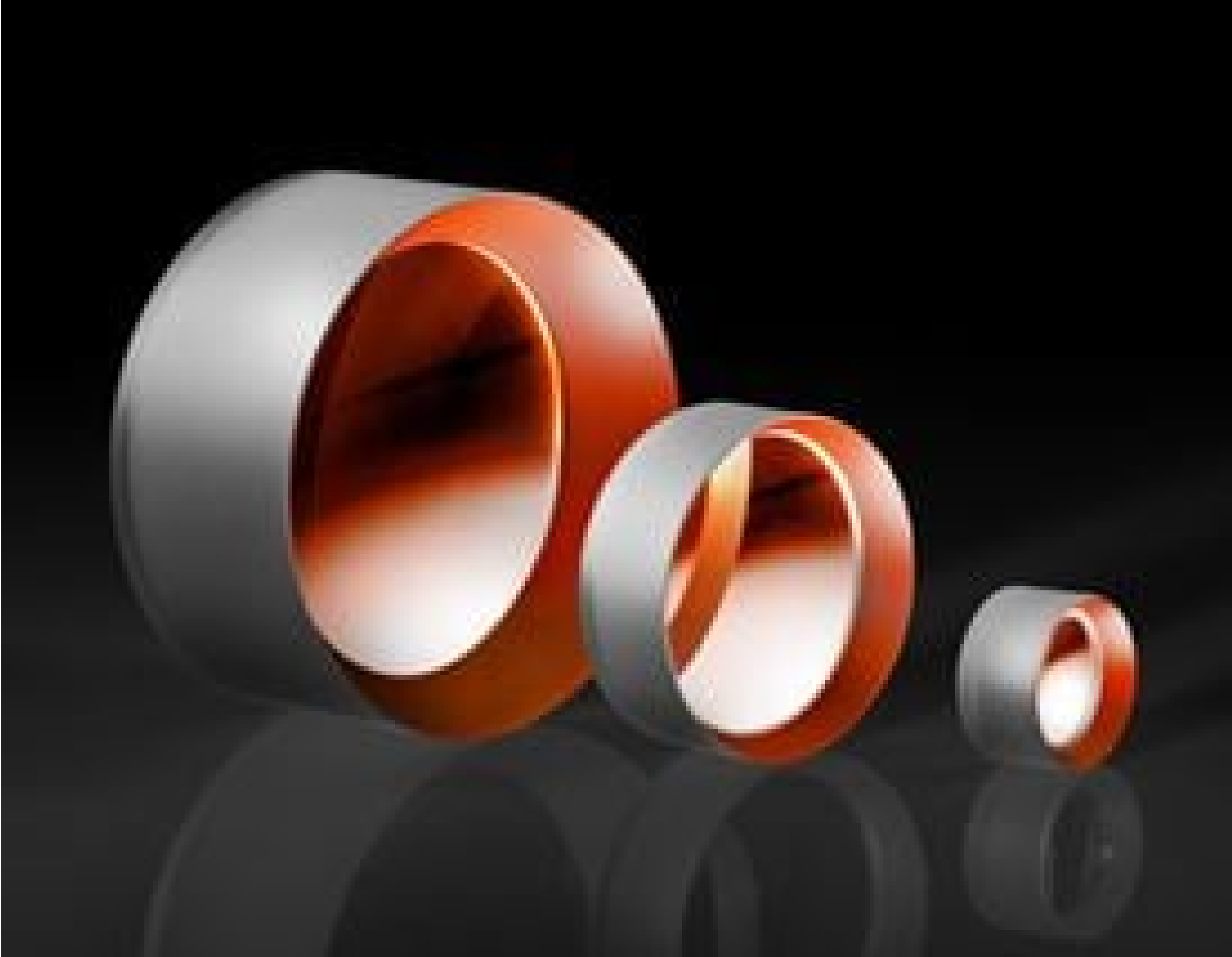


TECHSPEC® 12.5mm Dia x -50mm FL Negative Doublet Lens MgF₂ Coated



Stock **#45-220** [CONTACT US](#)

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- 1 +

C\$114.80

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Qty 1-5
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Diameter (mm):
12.50 +0.0/-0.025

Effective Focal Length EFL (mm):
-50.00

Focal Length Tolerance (%):
±1

Back Focal Length BFL (mm): -51.58
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 11.50
Centering (arcmin): <1
Center Thickness CT (mm): 3.56 ±0.10
Center Thickness CT 1 (mm): 2.00 ±0.05
Center Thickness CT 2 (mm): 1.56 ±0.05
Radius R ₁ (mm): -30.83
Radius R ₂ (mm): 23.47
Radius R ₃ (mm): 69.20
Edge Thickness ET (mm): 4.40
Substrate:  N-BK7 / N-SF5
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