

TECHSPEC®

12mm Dia. x 12mm FL, VIS 0° Coated, Double-Convex Lens



Stock **#47-358** ☐ In Stock
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1

+

€43,50

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€43,50
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€39,25
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ⓘ Prices shown are exclusive of VAT/local taxes

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Diameter (mm):
12.00 +0.0/-0.025

Back Focal Length BFL (mm):

10.79
Effective Focal Length EFL (mm): 12.00
Coating: VS 0° (425-675nm)
Coating Specification: R _{avg} ≤0.4% @ 425 - 675nm
Substrate: ☐ N-SF5
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Centering (arcmin): <1
Bevel: Protective bevel as needed
Center Thickness CT (mm): 3.85
Center Thickness Tolerance (mm): ±0.05
Edge Thickness ET (mm): 1.41
Radius R ₁ =R ₂ (mm): 15.34
Clear Aperture CA (mm): 11.00
f/#: 1.00
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Numerical Aperture NA: 0.50
Type: Double-Convex Lens
Wavelength Range (nm): 425 - 675
Damage Threshold, By Design: ☐ 5 J/cm ² @ 532nm, 10ns

Regulatory Compliance

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