

TECHSPEC® 12mm Dia. x 50mm FL, NIR II Coated, Achromatic Lens



Stock **#45-797** ☒ In Stock

- 1 + **£91.80**

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Qty 1-5
£91.80
Qty 6+
£73.52
Volume Pricing
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⚠ Prices shown are exclusive of VAT/local taxes

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Diameter (mm):
12.00 +0.0/-0.025

Effective Focal Length EFL (mm):
50.00

Focal Length Tolerance (%) : ±1
Back Focal Length BFL (mm) : 46.70
Focal Length Specification Wavelength (nm) : 880.00
Clear Aperture CA (mm) : 11.00
Centering (arcmin) : <1
Center Thickness CT (mm) : 5.50 ±0.10
Center Thickness CT 1 (mm) : 3.00 ±0.05
Center Thickness CT 2 (mm) : 2.50 ±0.05
Radius R₁ (mm) : 28.51
Radius R₂ (mm) : -28.20
Radius R₃ (mm) : -322.09
Edge Thickness ET (mm) : 4.80
Substrate : N-LAK22 / N-SF6
Surface Quality : 40-20
f/# : 4.17
Numerical Aperture NA : 0.12
Coating : NIR II (750-1550nm)
Coating Specification : R _{abs} ≤1.5% @ 750 - 800nm R _{abs} ≤1.0% @ 800 - 1550nm R _{avg} ≤0.7% @ 750 - 1550nm
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) : 750 - 1550

Regulatory Compliance

RoHS 2015 : Compliant
Reach 224 : Compliant
Certificate of Conformance : View