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TECHSPEC® 12mm Dia. X 18mm FL, NIR II Coated, Achromatic Lens



Stock #45-791 CONTACT US

1 €108,00

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Qty 1-5

€108,00

Qty 6+

€86,50

Volume Pricing

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Diameter (mm):
12.00 +0.0/-0.025

Effective Focal Length EFL (mm):
18.00

Focal Length Tolerance (%) : ±1
Back Focal Length BFL (mm) : 12.30
Focal Length Specification Wavelength (nm) : 880.00
Clear Aperture CA (mm) : 11.00
Centering (arcmin) : <1
Center Thickness CT (mm) : 10.50 ±0.10
Center Thickness CT 1 (mm) : 8.00 ±0.05
Center Thickness CT 2 (mm) : 2.50 ±0.05
Radius R₁ (mm) : 12.05
Radius R₂ (mm) : -8.65
Radius R₃ (mm) : -37.28
Edge Thickness ET (mm) : 8.41
Substrate: N-LAK22 / N-SF6
Surface Quality : 40-20
f/# : 1.5
Numerical Aperture NA : 0.33
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