

TECHSPEC® 18mm Dia. x 27mm FL, VIS 0°, Inked, Achromatic Lens



Stock **#47-704-INK** ☒ In Stock
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1 **C\$151.20**

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Diameter (mm):
18.00 ±0.025

Effective Focal Length EFL (mm):
27.00

Focal Length Tolerance (%) : ±1
Back Focal Length BFL (mm) : 21.74
Focal Length Specification Wavelength (nm) : 587.6
Clear Aperture CA (mm) : 17.00
Centering (arcmin) : <1
Center Thickness CT (mm) : 9.27 ±0.20
Center Thickness CT 1 (mm) : 7.67 ±0.10
Center Thickness CT 2 (mm) : 1.60 ±0.10
Radius R₁ (mm) : 18.70
Radius R₂ (mm) : -13.11
Radius R₃ (mm) : -119.12
Edge Thickness ET (mm) : 6.62
Substrate : ☐ N-BAF10 / N-SF10
Surface Quality : 40-20
f/# : 1.5
Numerical Aperture NA : 0.33
Coating : VIS 0° (425-675nm)
Coating Specification : R _{avg} ≤0.4% @ 425 - 675nm
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) : 425 - 675

Regulatory Compliance

RoHS 2015 : Compliant
Reach 209 : Compliant
Certificate of Conformance : View