

TECHSPEC® 18mm Dia. x 80mm FL, VIS 0°, Inked, Achromatic Lens



Stock **#47-711-INK** CLEARANCE ☐ **In Stock**
[Other Coating Options](#)

1 **C\$151.20**

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Qty 1-5
C\$151.20
Qty 6+
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Diameter (mm):
18.00 ±0.025

Effective Focal Length EFL (mm):
80.00

Focal Length Tolerance (%) : ±1
Back Focal Length BFL (mm) : 76.52
Focal Length Specification Wavelength (nm) : 587.6
Clear Aperture CA (mm) : 17.00
Centering (arcmin) : <1
Center Thickness CT (mm) : 7.50 ±0.20
Center Thickness CT 1 (mm) : 5.00 ±0.10
Center Thickness CT 2 (mm) : 2.50 ±0.10
Radius R₁ (mm) : 49.67
Radius R₂ (mm) : -34.73
Radius R₃ (mm) : -100.11
Edge Thickness ET (mm) : 6.27
Substrate : ☐ N-BK7 / N-SF5
Surface Quality : 40-20
f/# : 4.44
Numerical Aperture NA : 0.11
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