

TECHSPEC® 18.0mm Dia. x 18.0mm FL, VIS-EXT, Inked, Plano-Convex Lens



Stock #88-703-INK [CONTACT US](#)

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1 **€56,50**

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Qty 1-9

€56,50

Qty 10+

€50,75

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Diameter (mm):
18.00 ±0.025

Effective Focal Length EFL (mm):
18.00 @ 587.6nm

Back Focal Length BFL (mm):
15.20

Coating:
MS-EXT (350-700nm)

Coating Specification:
 $R_{avg} < 0.5\%$ @ 350 - 700nm

Substrate:
[N-SF11](#)

Surface Quality:
40-20

Power (P-V) @ 632.8nm:
1.5λ

Irregularity (P-V) @ 632.8nm:
λ/4

Focal Length Tolerance (%):
±1

Centering (arcmin):
<1

Center Thickness CT (mm):
5.00 ±0.10

Edge Thickness ET (mm):
1.76

Radius R₁ (mm):
14.13

Clear Aperture CA (mm):
17

f#:
1

Numerical Aperture NA:
0.50

Type:
Plano-Convex Lens

Bevel:
Protective bevel as needed

Wavelength Range (nm):
350 - 700

Damage Threshold, By Design:
5 J/cm² @ 532nm, 10ns

Regulatory Compliance

RoHS:
[Compliant](#)

Certificate of Conformance:
[View](#)