

TECHSPEC® 6.0mm Diameter x -15 FL, NIR I Coated, Plano-Concave Lens



Stock #49-519 3-5 DAYS

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⊖ 1 ⊕ **S\$56.55**

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Qty 1-9

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Qty 10+

S\$50.75

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Diameter (mm):
6.00 +0.0/-0.025

Effective Focal Length EFL (mm):

-15.00

Substrate:

[N-BK7](#)

f#:

2.5

Numerical Aperture NA:

0.20

Coating:

NIR I (600-1050nm)

Type:

Plano-Concave Lens

Wavelength Range (nm):

600 - 1050

Back Focal Length BFL (mm):

-16.32

Bevel:

Protective bevel as needed

Center Thickness CT (mm):

2.00

Center Thickness Tolerance (mm):

±0.05

Centering (arcmin):

<1

Clear Aperture CA (mm):

5.4

Coating Specification:

$R_{avg} \leq 0.5\%$ @ 600 - 1050nm

Edge Thickness ET (mm):

2.49

Focal Length Specification Wavelength (nm):

587.6

Focal Length Tolerance (%):

±1

Radius R₁ (mm):

-7.75

Surface Quality:

40-20

Damage Threshold, By Design:

7 J/cm² @ 1064nm, 10ns

Power (P-V) @ 632.8nm:

1.5λ

Irregularity (P-V) @ 632.8nm:

λ/4

Regulatory Compliance

RoHS 2015:

[Compliant](#)

Certificate of Conformance:

[View](#)

Reach 235:

[Compliant](#)