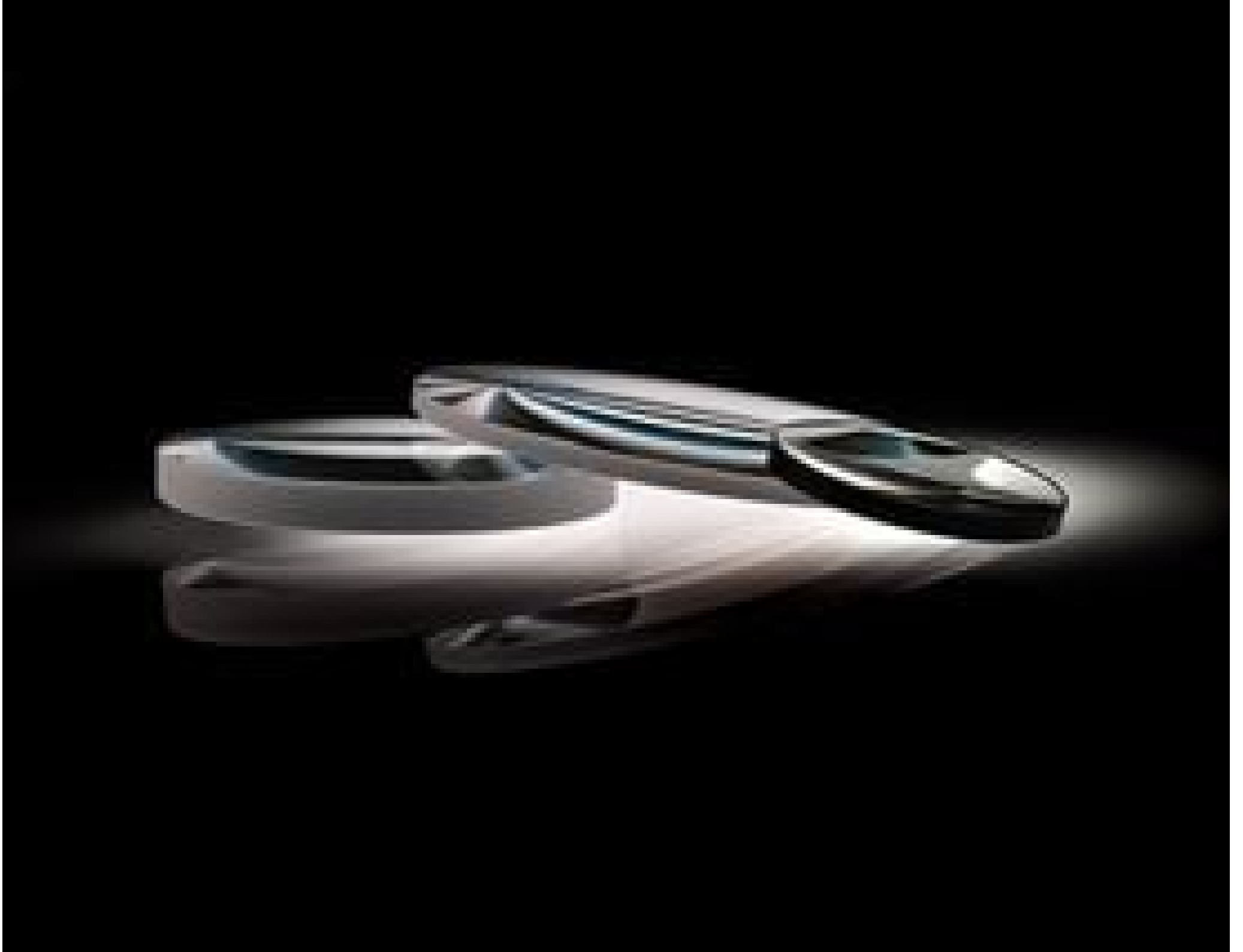


TECHSPEC® 15mm Dia. x 50mm FL, NIR II, Inked, Double-Convex Lens



Stock #67-635-INK 10-15 DAYS

[Other Coating Options](#)

⊖ 1 ⊕ **S\$76.13**

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Qty 1-9

S\$76.13

Qty 10+

S\$68.51

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Diameter (mm):
15.00 ±0.025

Back Focal Length BFL (mm):

49.00

Effective Focal Length EFL (mm):

50.00

Coating:

NIR II (750-1550nm)

Coating Specification:

$R_{\text{abs}} \leq 1.5\%$ @ 750 - 800nm

$R_{\text{abs}} \leq 1.0\%$ @ 800 - 1550nm

$R_{\text{avg}} \leq 0.7\%$ @ 750 - 1550nm

Substrate:

[N-BK7](#)

Surface Quality:

40-20

Power (P-V) @ 632.8nm:

1.5 λ

Irregularity (P-V) @ 632.8nm:

$\lambda/4$

Centering (arcmin):

<1

Center Thickness CT (mm):

3.00

Center Thickness Tolerance (mm):

± 0.10

Edge Thickness ET (mm):

1.9

Radius $R_1=R_2$ (mm):

51.16

Clear Aperture CA (mm):

14.00

f/#:

3.33

Focal Length Specification Wavelength (nm):

587.6

Focal Length Tolerance (%):

± 1.00

Numerical Aperture NA:

0.15

Type:

Double-Convex Lens

Wavelength Range (nm):

750 - 1550

Damage Threshold, By Design:

8 J/cm² @ 1064nm, 10ns

Regulatory Compliance

RoHS:

[Compliant](#)

Certificate of Conformance:

[View](#)