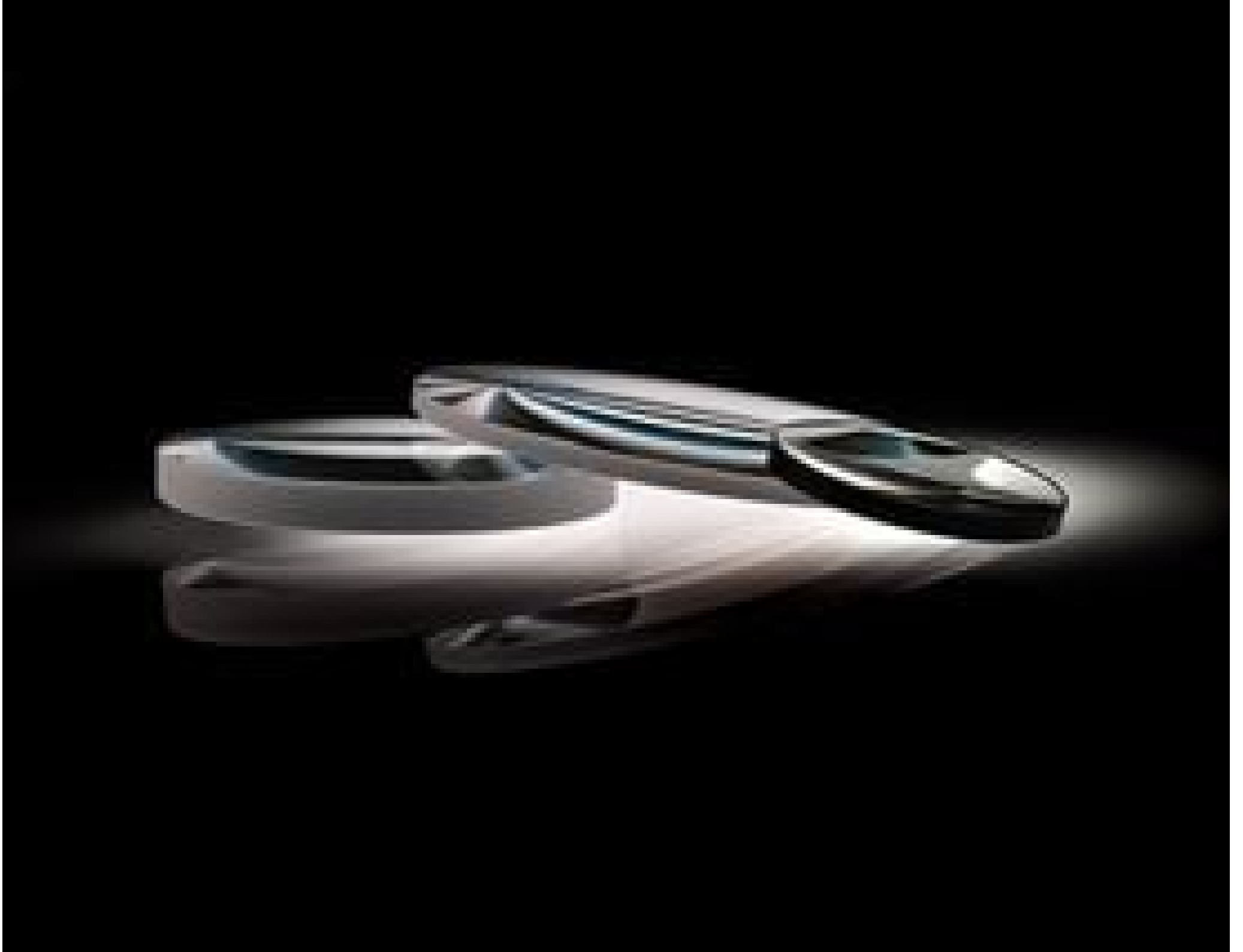


TECHSPEC® 3mm Dia. x 6mm FL, VIS-NIR Coated, Double-Convex Lens



Stock #49-449 3-5 DAYS

[Other Coating Options](#)

⊖ 1 ⊕ **\$94.25**

ADD TO CART

Qty 1-9

\$94.25

Qty 10+

\$84.83

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Diameter (mm):
3.00 +0.0/-0.025

Back Focal Length BFL (mm):

5.37

Effective Focal Length EFL (mm):

6.00

Coating:

VS-NIR (400-1000nm)

Coating Specification:

$R_{abs} \leq 0.25\%$ @ 880nm

$R_{avg} \leq 1.25\%$ @ 400 - 870 nm

$R_{avg} \leq 1.25\%$ @ 890 - 1000nm

Substrate:

[N-BK7](#)

Surface Quality:

20-10

Power (P-V) @ 632.8nm:

1.5λ

Irregularity (P-V) @ 632.8nm:

λ/4

Centering (arcmin):

<3

Bevel:

Protective bevel as needed

Center Thickness CT (mm):

1.80

Center Thickness Tolerance (mm):

±0.05

Edge Thickness ET (mm):

1.41

Radius $R_1=R_2$ (mm):

5.88

Clear Aperture CA (mm):

2.5

f#:

2.00

Focal Length Specification Wavelength (nm):

587.6

Focal Length Tolerance (%):

±1

Numerical Aperture NA:

0.25

Type:

Double-Convex Lens

Wavelength Range (nm):

400 - 1000

Damage Threshold, By Design:

5 J/cm² @ 532nm, 10ns

Regulatory Compliance

RoHS 2015:

[Compliant](#)

Certificate of Conformance:

[View](#)

Reach 235:

[Compliant](#)