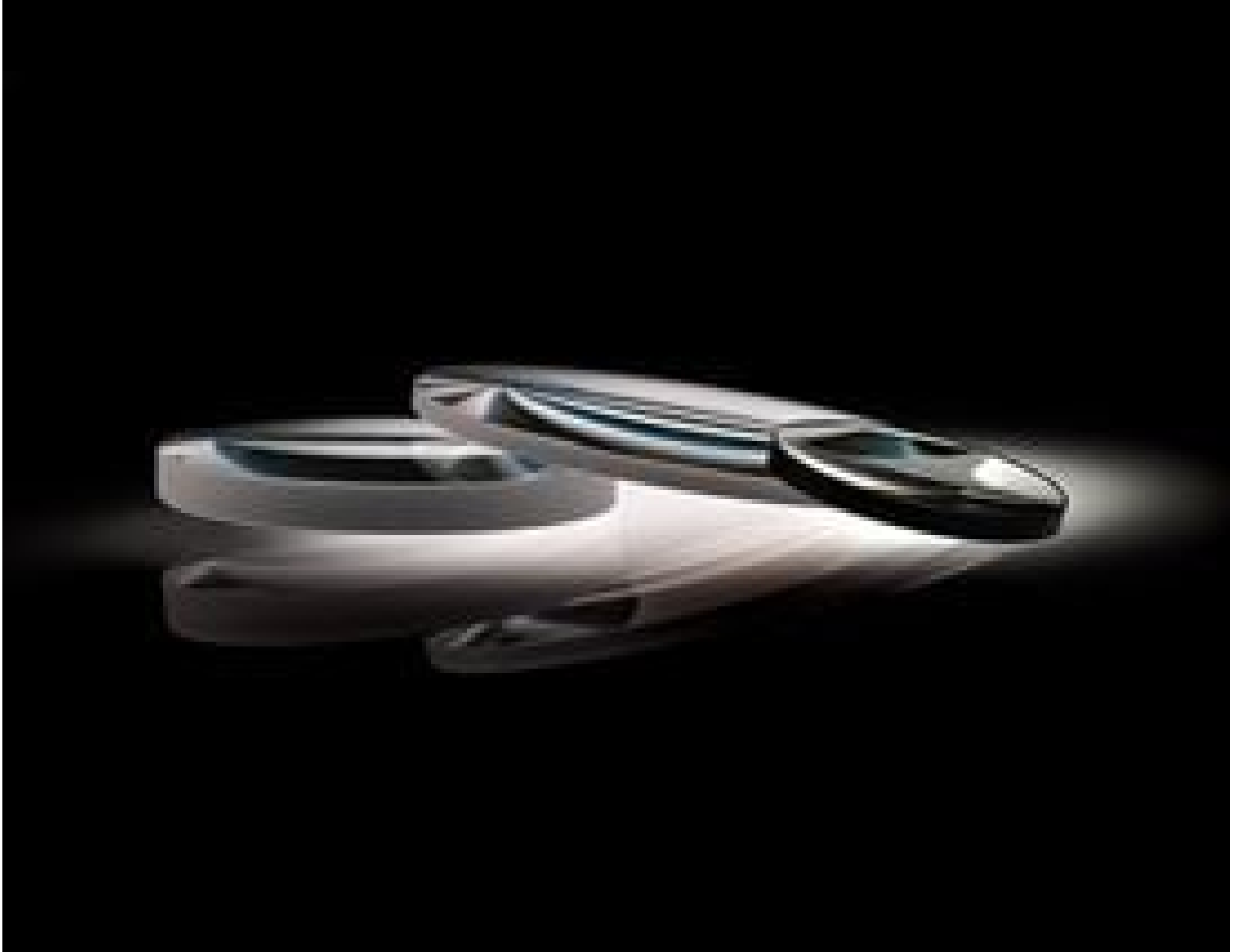


TECHSPEC® 25mm Dia. x 75mm FL, NIR I Coated, Double-Convex Lens



Stock #49-493 3-4 DAYS

[Other Coating Options](#)

⊖ 1 ⊕ **€44,00**

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Qty 1-9

€44,00

Qty 10+

€39,50

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ⓘ Prices shown are exclusive of VAT/local taxes

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Diameter (mm):
25.00 +0.0/-0.025

Back Focal Length BFL (mm):
73.84

Effective Focal Length EFL (mm):
75.00

Coating:
NIR I (600-1050nm)

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

Substrate:
[N-BK7](#)

Surface Quality:
40-20

Power (P-V) @ 632.8nm:
1.5λ

Irregularity (P-V) @ 632.8nm:
λ/4

Centering (arcmin):
<1

Bevel:
Protective bevel as needed

Center Thickness CT (mm):
3.50

Center Thickness Tolerance (mm):
±0.10

Edge Thickness ET (mm):
1.45

Radius $R_1=R_2$ (mm):
76.66

Clear Aperture CA (mm):
24.00

f#:
3.00

Focal Length Specification Wavelength (nm):
587.6

Numerical Aperture NA:
0.17

Type:
Double-Convex Lens

Wavelength Range (nm):
600 - 1050

Damage Threshold, By Design:
7 J/cm² @ 1064nm, 10ns

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Certificate of Conformance:
[View](#)

Reach 235:
[Compliant](#)