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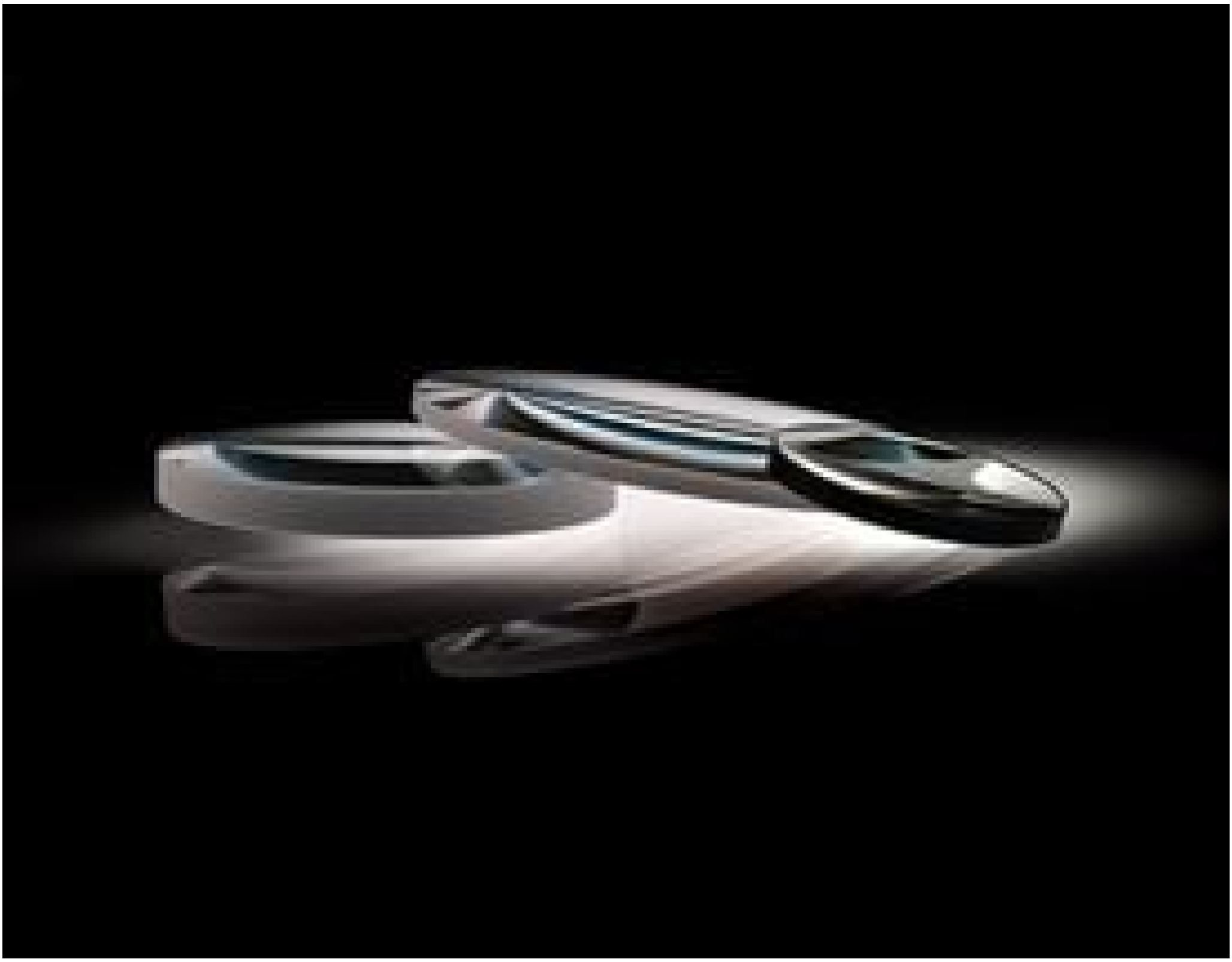
TECHSPEC® 25mm Dia. x 100mm FL, NIR II Coated, Double-Convex Lens



Stock **#67-653** 10 TO 12 DAYS

Other Coating Options

- 1 + **₹3,828.00**

ADD TO CART

Qty 1-9
₹3,828.00

Qty 10+
₹3,437.00

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CUSTOM OPTIONS

Diameter (mm):
25.00 +0.0/-0.025

Back Focal Length BFL (mm):
98.95

Effective Focal Length EFL (mm):
100.00

Coating:
NIR II (750-1550nm)

Coating Specification:
R_{abs} ≤1.5% @ 750 - 800nm
R_{abs} ≤1.0% @ 800 - 1550nm
R_{avg} ≤0.7% @ 750 - 1550nm

Substrate:
N-BK7

Surface Quality:
40-20

Power (P-V) @ 632.8nm:
1.5λ

Irregularity (P-V) @ 632.8nm:
λ/4

Centering (arcmin):
<1

Center Thickness CT (mm):
4.00

Center Thickness Tolerance (mm):
±0.10

Edge Thickness ET (mm):
2.48

Radius R_1=-R_2 (mm):
103.00

Clear Aperture CA (mm):
24.00

f/#:
4.00

Focal Length Specification Wavelength (nm):
587.6

Focal Length Tolerance (%):
±1.00

Numerical Aperture NA:
0.13

Type:
Double-Convex Lens

Wavelength Range (nm):
750 - 1550

Damage Threshold, Reference:
8 J/cm^2 @ 1064nm, 10ns

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 235:
Compliant