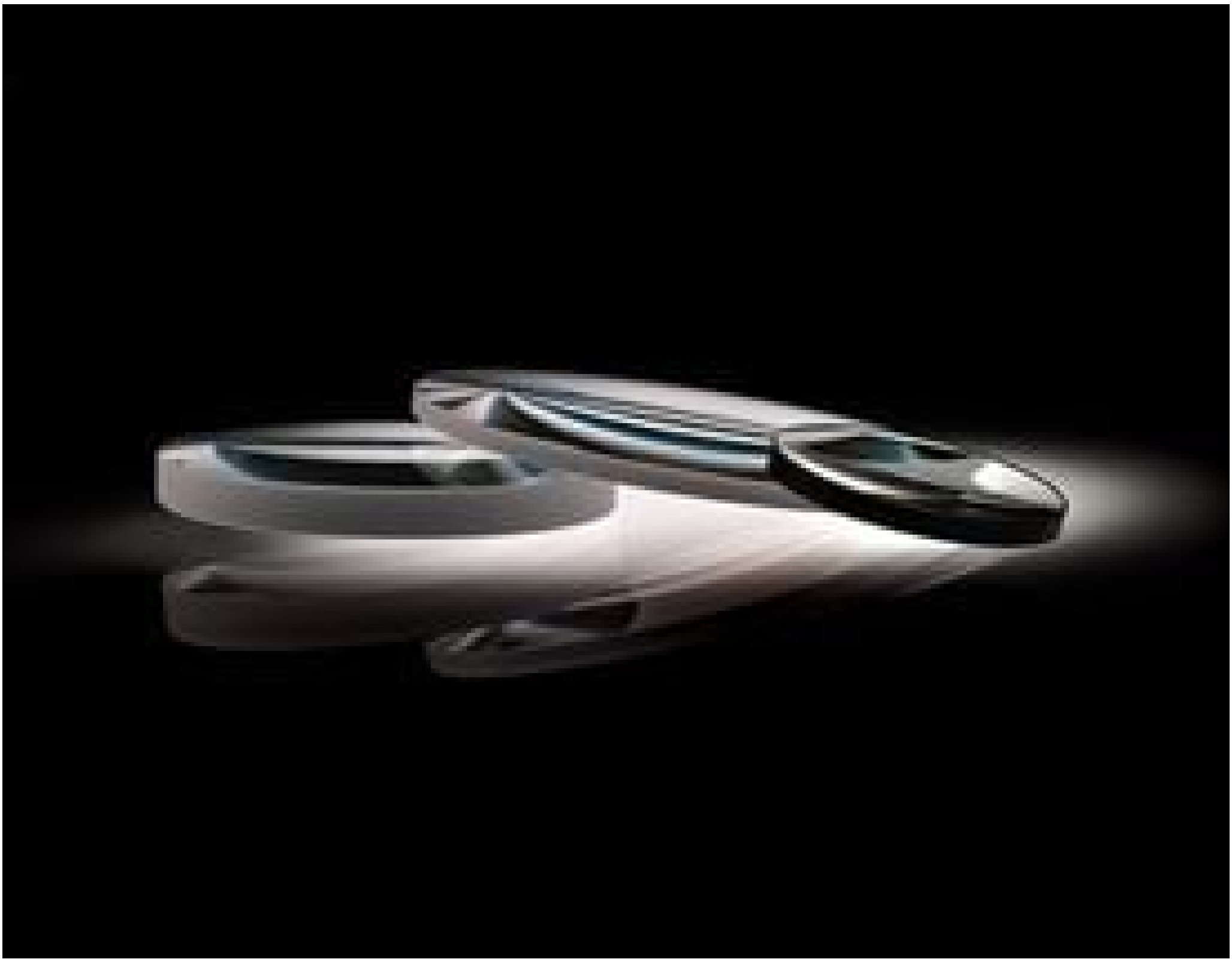
TECHSPEC® 25mm Dia. x 35mm FL, MgF_2 Coated, Double-Convex Lens



Stock **#45-162** 3-5 DAYS

Other Coating Options

- 1 + **A$60.00**

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Qty 1-9
A$60.00

Qty 10+
A$54.00

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CUSTOM OPTIONS

Diameter (mm):	25.00 +0.0/-0.025
Back Focal Length BFL (mm):	32.81

Effective Focal Length EFL (mm):
35.00

Coating:
MgF_2 (400-700nm)

Coating Specification:
R_{avg} ≤1.75% @ 400 - 700nm

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):
6.60

Center Thickness Tolerance (mm):
±0.10

Edge Thickness ET (mm):
2.00

Radius R_1=-R_2 (mm):
35.09

Clear Aperture CA (mm):
24.00

f/#:
1.4

Focal Length Specification Wavelength (nm):
587.6

Focal Length Tolerance (%):
±1

Numerical Aperture NA:
0.36

Type:
Double-Convex Lens

Wavelength Range (nm):
400 - 700

Damage Threshold, By Design:
10 J/cm^2 @ 532nm, 10ns

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 235:
Compliant