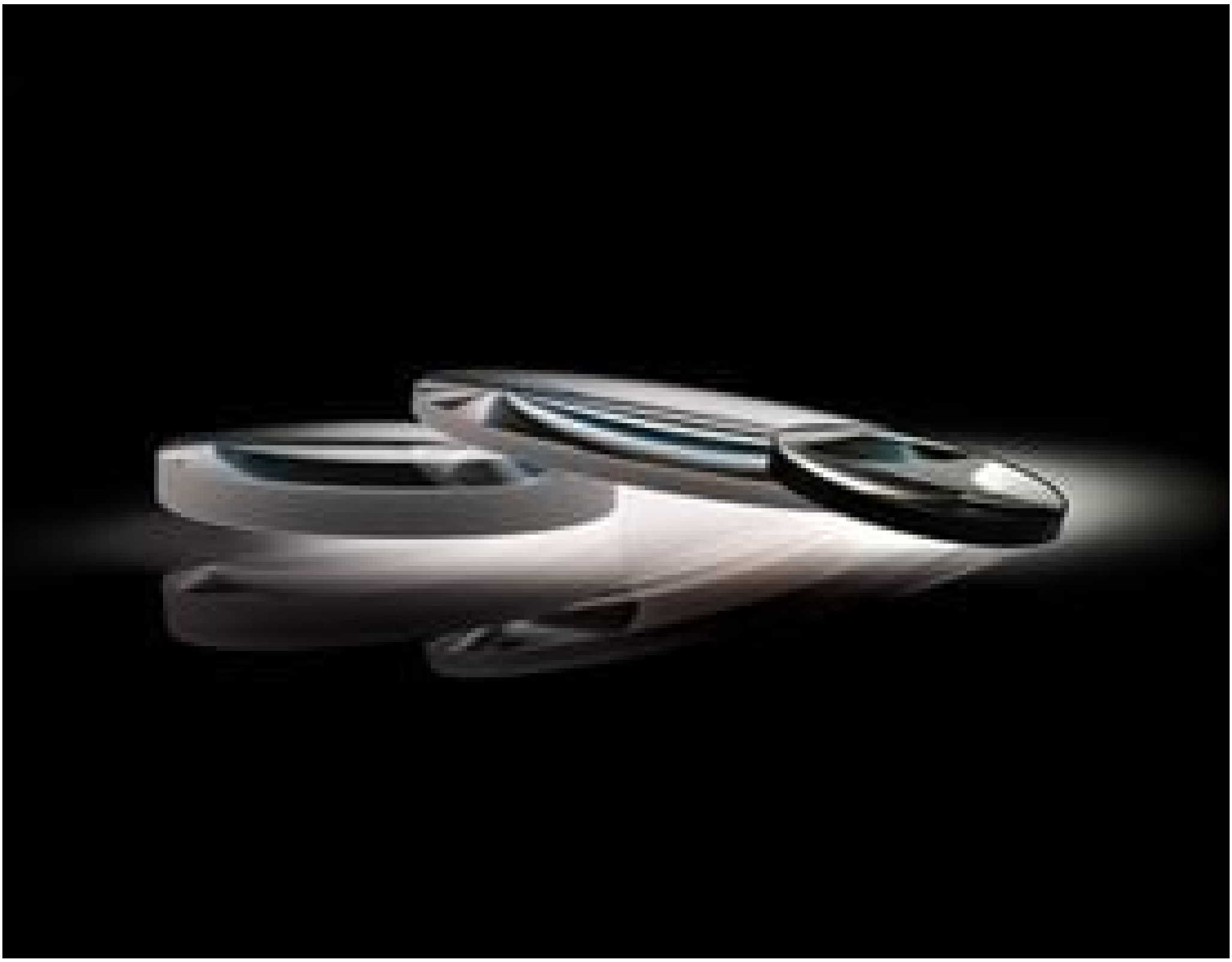
TECHSPEC 20mm Dia. x 40mm FL, MgF_2 Coated, Double-Convex Lens



Stock **#32-712** 3-5 DAYS

Other Coating Options

- 1 + **S$54.38**

ADD TO CART

Qty 1-9

S$54.38

Qty 10+

S$48.94

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Diameter (mm):
20.00 +0.0/-0.025

Back Focal Length BFL (mm):
38.44

Effective Focal Length EFL (mm):
40.00

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):
5.30

Center Thickness Tolerance (mm):
±0.10

Edge Thickness ET (mm):
2.80

Radius R_1=-R_2 (mm):
40.67

Clear Aperture CA (mm):
19.00

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 - 700

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

Regulatory Compliance

RoHS 2015:
Compliant

Reach 219:
Compliant

Certificate of Conformance:
View