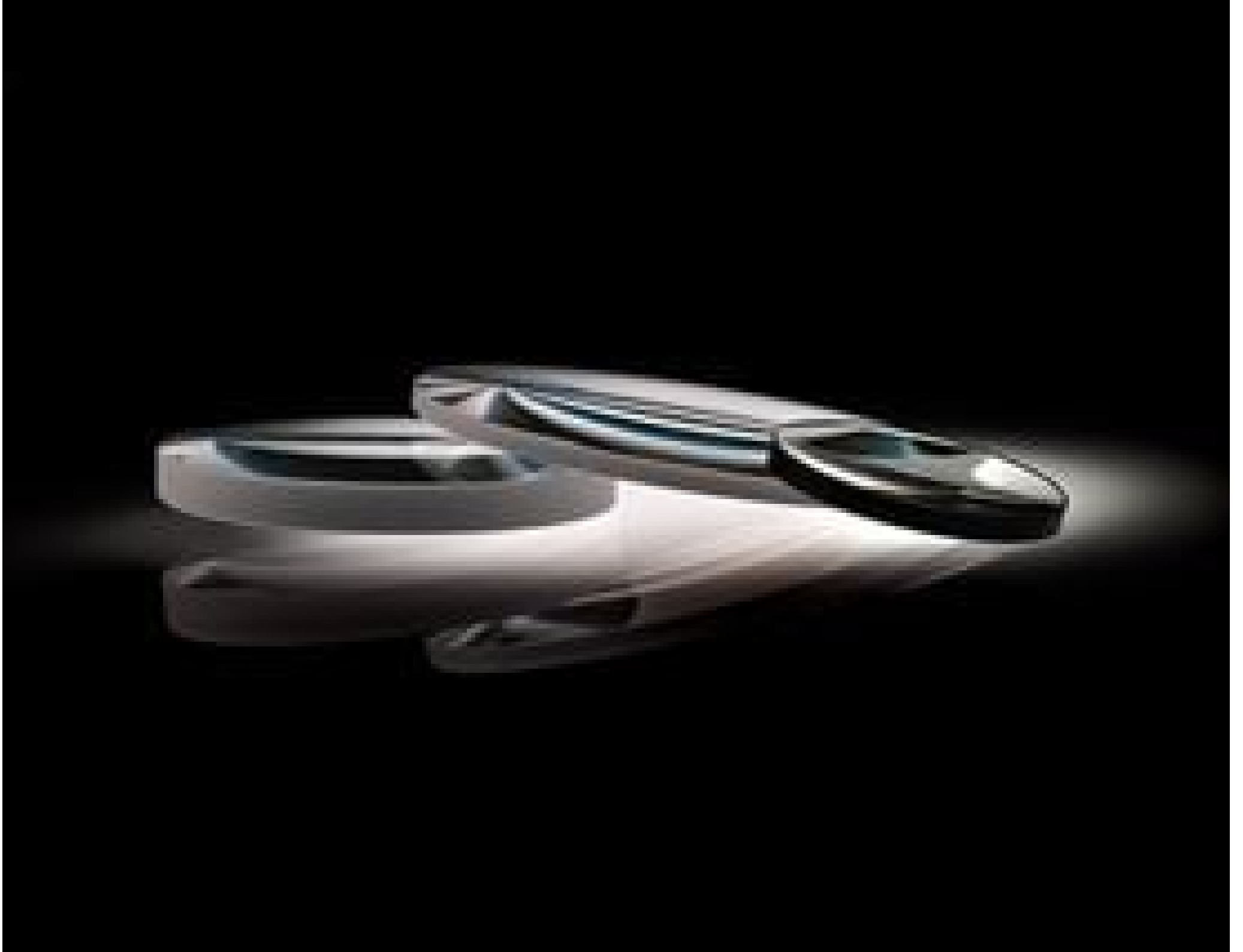


TECHSPEC® 20mm Dia. x 40mm FL, MgF₂ Coated, Double-Convex Lens



Stock #32-712 In Stock

[Other Coating Options](#)

1 **£31.88**

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Qty 1-9

£31.88

Qty 10+

£28.69

Volume Pricing

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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:
MgF₂ (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 R₁=R₂ (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/cm² @ 532nm, 10ns

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Reach 219:
[Compliant](#)

Certificate of Conformance:
[View](#)