

TECHSPEC® 18.0mm Dia. x 30.0mm FL, VIS-NIR Coated, Plano-Convex Lens



Stock #38-523 3-5 DAYS

[Other Coating Options](#)

⊖ 1 ⊕ **A\$71.20**

ADD TO CART

Qty 1-9

A\$71.20

Qty 10+

A\$64.00

Volume Pricing

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Diameter (mm):
18.00 +0.0/-0.025

Effective Focal Length EFL (mm):

30.00 @ 587.6nm

Back Focal Length BFL (mm):
27.10

Coating:
VIS-NIR (400-1000nm)

Coating Specification:
 $R_{\text{abs}} \leq 0.25\%$ @ 880nm
 $R_{\text{avg}} \leq 1.25\%$ @ 400 - 870nm
 $R_{\text{avg}} \leq 1.25\%$ @ 890 - 1000nm

Substrate:
[N-BK7](#)

Surface Quality:
40-20

Power (P-V) @ 632.8nm:
1.5 λ

Irregularity (P-V) @ 632.8nm:
 $\lambda/4$

Focal Length Tolerance (%):
 ± 1

Centering (arcmin):
<1

Center Thickness CT (mm):
4.40 \pm 0.10

Edge Thickness ET (mm):
1.52

Radius R₁ (mm):
15.51

Clear Aperture CA (mm):
17

f#:
1.67

Numerical Aperture NA:
0.30

Type:
Plano-Convex Lens

Bevel:
Protective bevel as needed

Wavelength Range (nm):
400 - 1000

Damage Threshold, By Design:
5 J/cm² @ 532nm, 10ns

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Certificate of Conformance:
[View](#)

Reach 235:
[Compliant](#)