

TECHSPEC® 80mm EFL, Nd:YAG Air-Spaced Focusing Doublet



Stock #12-163 3-4 DAYS

⊖ 1 ⊕ **€631,00**

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Qty 1-5
€631,00

Qty 6+
€560,00

Volume Pricing
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ⓘ Prices shown are exclusive of VAT/local taxes

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Effective Focal Length EFL (mm):
80.00 @ 1064nm

Clear Aperture CA (mm):
27.0

Center Air Spacing (mm):
1.0

Substrate:

[N-SK5](#) / [N-SF57](#)

Surface Quality:
20-10

f/#:
3.0

Coating:
Dual V-Coat (632.8 and 1064nm)

Coating Specification:
R_{abs} <0.5% @ 1030 - 1090nm
R_{abs} <1.0% @ 632.8nm

Housing Diameter (mm):
36 ±0.25

Housing Length (mm):
16.1 ±0.2

Mounting Threads:
Input: M34 x 0.75
Output: M34 x 0.75

Construction:
Anodized Aluminum Housing

Type:
Focusing Achromat

Design Wavelength DWL (nm):
632.8, 1064

Transmission (%):
≥99

Working Distance (mm):
70.88

Transmitted Wavefront Error, RMS:
λ/4 On central 18mm

Damage Threshold, By Design: ☐
≥10 J/cm² @ 1064nm, 20Hz, 10ns (typical)

Regulatory Compliance

RoHS:
[Compliant](#)

Certificate of Conformance:
[View](#)