

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



Stock **#12-163** [CONTACT US](#)

- 1 + **S\$914.95**

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Qty 1-5
S\$914.95
Qty 6+
S\$812.00
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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