

[All Products](#) / [Optics](#) / [Optical Lenses](#) / [Achromatic Lenses](#)

TECHSPEC® Nd:YAG Air-Spaced Achromatic Focusing Doublets



- Color Corrected at 632.8nm and 1064nm
- Optimized to Reduce Spherical Aberration
- Minimizes Spot Size for Materials Processing

Common Specifications

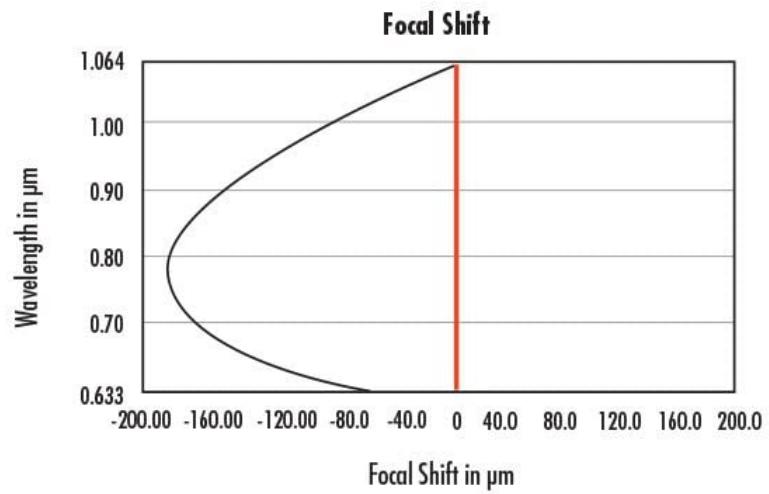
Physical & Mechanical Properties

Clear Aperture CA (mm):	27.0	Center Air Spacing (mm):	1.0
Construction:	Anodized Aluminum Housing		

Optical Properties

Substrate:	N-SK5 / N-SF57	Coating:	Dual V-Coat (632.8 and 1064nm)
Surface Quality:	20-10	Coating:	Dual V-Coat (632.8 and 1064nm)
Coating Specification:	$R_{abs} < 0.5\% @ 1030 - 1090\text{nm}$ $R_{abs} < 1.0\% @ 632.8\text{nm}$	Design Wavelength DWL (nm):	632.8, 1064
Transmitted Wavefront Error, RMS:	$\lambda/4$ On central 18mm		

Technical Information



Products

EFL (mm)	Substrate	Coating	Housing Diameter (mm)	Construction	Transmitted Wavefront Error, RMS	Stock Number	Price	Buy
80.00	N-SK5 / N-SF57	Dual V-Coat (632.8 and 1064nm)	36	Anodized Aluminum Housing	λ/4 On central 18mm	#12-163	S\$987.00 Volume Pricing	Contact Us
100.00	N-SK5 / N-SF57	Dual V-Coat (632.8 and 1064nm)	36	Anodized Aluminum Housing	λ/4 On central 18mm	#12-160	S\$987.00 Volume Pricing	1 In Stock
150.00	N-SK5 / N-SF57	Dual V-Coat (632.8 and 1064nm)	36	Anodized Aluminum Housing	λ/4 On central 18mm	#12-159	S\$987.00 Volume Pricing	2 In Stock



Copyright 2024, Edmund Optics Singapore Pte. Ltd, 18 Woodlands Loop #04-00, Singapore 738100

[PRIVACY POLICY](#) [COOKIE POLICY](#) [TERMS & CONDITIONS](#)

Phone: 1-800-363-1992 :
www.edmundoptics.com