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TECHSPEC®

Nd:YAG Air-Spaced Achromatic Focusing Doublets

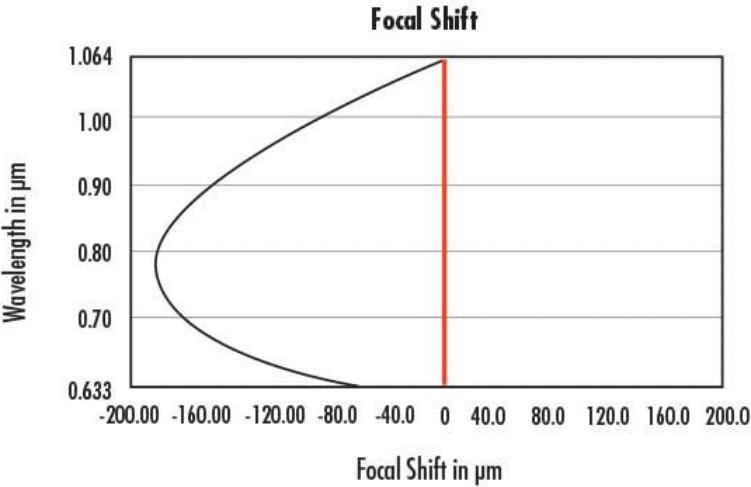


- Color Corrected at 632.8nm and 1064nm
- Optimized to Reduce Spherical Aberration
- Minimizes Spot Size for Materials Processing

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		
Surface Quality:		20-10	Coating:	Dual V-Coat (632.8 and 1064nm)
Coating Specification:		R _{abs} <0.5% @ 1030 - 1090nm R _{abs} <1.0% @ 632.8nm	Design Wavelength DWL (nm):	632.8, 1064
Transmitted Wavefront Error, RMS:		λ/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	$\lambda/4$ On central 18mm	#12-163	€645,00 Qty 6+ €570,00	3-4 days
100.00	N-SK5 / N-SF57	Dual V-Coat (632.8 and 1064nm)	36	Anodized Aluminum Housing	$\lambda/4$ On central 18mm	#12-160	€645,00 Qty 6+ €570,00	3-4 days
150.00	N-SK5 / N-SF57	Dual V-Coat (632.8 and 1064nm)	36	Anodized Aluminum Housing	$\lambda/4$ On central 18mm	#12-159	€645,00 Qty 6+ €570,00	3-4 days



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