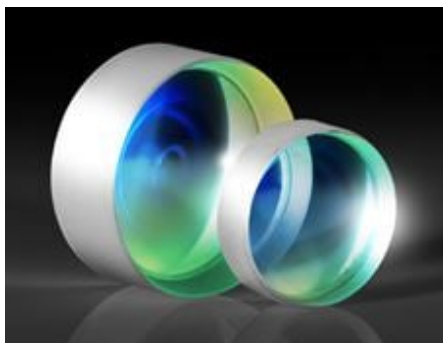


[All Products](#) / [Optics](#) / [Optical Lenses](#) / [Double-Concave \(DCV\) Lenses](#)

TECHSPEC® NIR I Coated Double-Concave (DCV) Lenses



- AR Coated to Provide <0.5% Reflectance per Surface for 600 - 1050nm
- Designed for 0° Angle of Incidence
- Various Coating Options: [Uncoated](#), [VIS-EXT](#), [MgF₂](#), [VIS 0°](#), [VIS-NIR](#), and [NIR II](#)

Common Specifications

Physical & Mechanical Properties

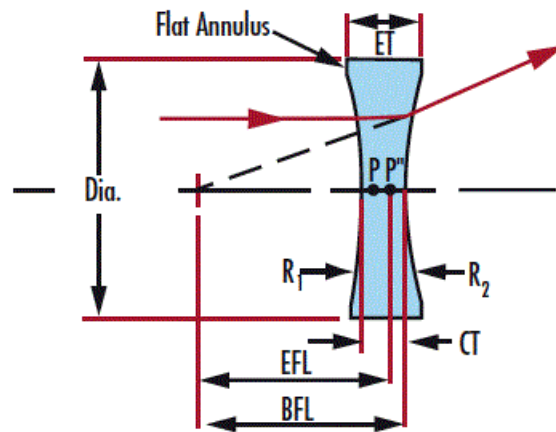
Bevel: Protective as needed

Optical Properties

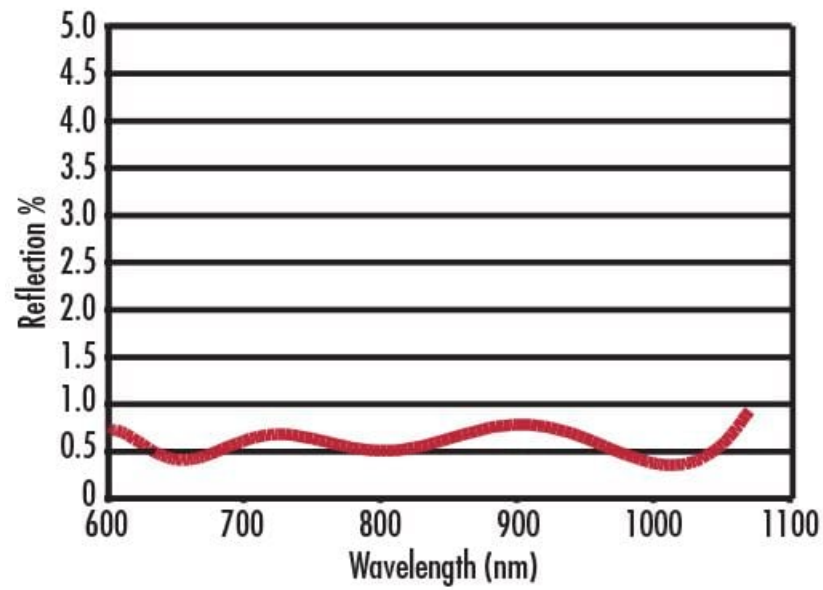
Coating: NIR I (600-1050nm)

Wavelength Range (nm):	600 - 1050	Coating Specification:	$R_{avg} \leq 0.5\% @ 600 - 1050nm$
Focal Length Specification Wavelength (nm):	587.6	Focal Length Tolerance (%):	± 1
Surface Quality:	40-20	Damage Threshold, By Design:	$7 J/cm^2 @ 1064nm, 10ns$
Power (P-V) @ 632.8nm:	1.5λ	Irregularity (P-V) @ 632.8nm:	$\lambda/4$

Technical Information



NIR I Coating
 $R_{avg} \leq 0.5\%$ @ 600 - 1050nm
Typ. Energy Density Limit: 7 J/cm² @ 1064nm, 10ns



Products

Dia. (mm)	EFL (mm)	BFL (mm)	Coating	Substrate	Stock Number	Price	Buy
6.00	-6.00	-6.41	NIR I (600-1050nm)	N-SF11	#49-540	€41,20 Volume Pricing	20+ In Stock
6.00	-9.00	-9.32	NIR I (600-1050nm)	N-BK7	#49-541	€41,20 Volume Pricing	Contact Us
6.00	-12.00	-12.33	NIR I (600-1050nm)	N-BK7	#49-542	€41,20 Volume Pricing	8 In Stock
9.00	-9.00	-9.61	NIR I (600-1050nm)	N-SF11	#49-543	€21,12 €42,23 Volume Pricing	20+ In Stock
9.00	-12.00	-12.41	NIR I (600-1050nm)	N-SF11	#49-544	€42,23 Volume Pricing	Contact Us
9.00	-18.00	-18.49	NIR I (600-1050nm)	N-BK7	#49-545	€42,23 Volume Pricing	5 In Stock
12.00	-12.00	-12.81	NIR I (600-1050nm)	N-SF11	#49-546	€44,29 Volume Pricing	2 In Stock
12.00	-18.00	-18.65	NIR I (600-1050nm)	N-BK7	#49-547	€44,29 Volume Pricing	20+ In Stock
12.00	-24.00	-24.65	NIR I (600-1050nm)	N-BK7	#49-548	€44,29 Volume Pricing	15 In Stock
20.00	-20.00	-20.55	NIR I (600-1050nm)	N-SF11	#49-549	€45,84 Volume Pricing	20+ In Stock
25.00	-25.00	-25.69	NIR I (600-1050nm)	N-SF11	#49-550	€24,08 €48,15 Volume Pricing	20+ In Stock
25.00	-50.00	-50.82	NIR I (600-1050nm)	N-BK7	#49-551	€48,15 Volume Pricing	5 In Stock
25.00	- 100.00	- 101.64	NIR I (600-1050nm)	N-BK7	#49-552	€24,08 €48,15 Volume Pricing	5 In Stock



Copyright 2023 | Edmund Optics, Ltd Unit 1, Opus Avenue, Nether Poppleton, York, YO26 6BL, UK
 Phone: 1-800-363-1992 :
www.edmundoptics.com