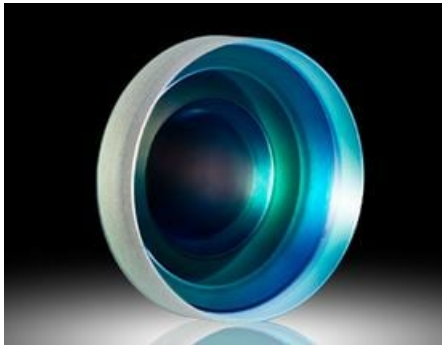


[All Products](#) / [Optics](#) / [Optical Lenses](#) / [Double-Concave \(DCV\) Lenses](#)
TECHSPEC® NIR II Coated Double-Concave (DCV) Lenses


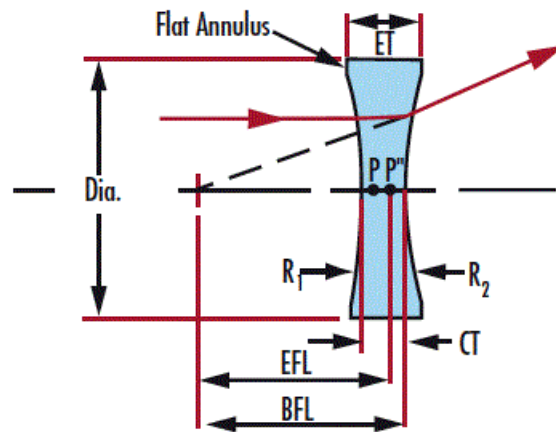
- AR Coated to Provide <0.7% Reflectance per Surface for 750 - 1550nm
- Double-Concave Lenses Have Two Inward Curved Surfaces and a Negative Focal Length
- Used for Image Reduction and to Spread Light
- Various Coating Options: [Uncoated](#), [VIS-EXT](#), [MgF₂](#), [VIS 0°](#), [VIS-NIR](#), and [NIR I](#)

Common Specifications

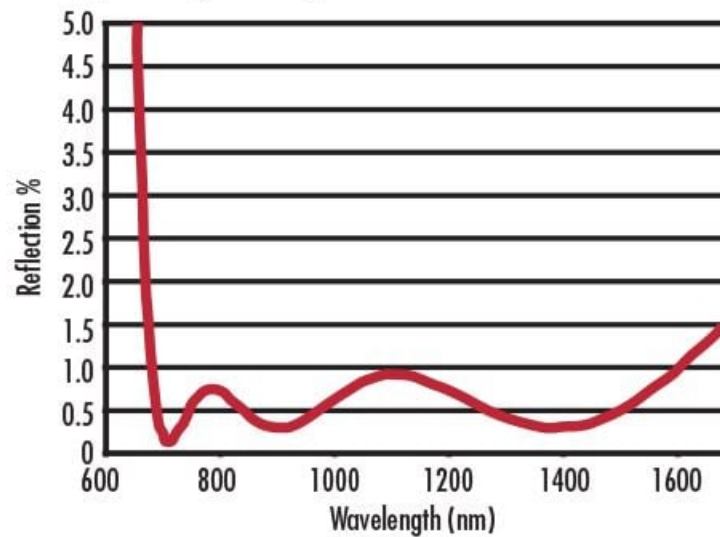
Optical Properties

Coating:	NIR II (750-1550nm)	Wavelength Range (nm):	750 - 1550
Coating Specification:	$R_{\text{abs}} \leq 1.5\% \text{ @ } 750 - 800\text{nm}$ $R_{\text{abs}} \leq 1.0\% \text{ @ } 800 - 1550\text{nm}$ $R_{\text{avg}} \leq 0.7\% \text{ @ } 750 - 1550\text{nm}$	Focal Length Specification Wavelength (nm):	587.6
Focal Length Tolerance (%):	± 1.00	Surface Quality:	40-20
Power (P-V) @ 632.8nm:	1.5λ	Irregularity (P-V) @ 632.8nm:	$\lambda/4$

Technical Information



NIR II Coating
 $R_{avg} \leq 0.7\%$ @ 750 - 1550nm, $R_{abs} \leq 1.0\%$ @ 800 - 1550nm
Typ. Energy Density Limit: 8 J/cm² @ 1064nm, 10ns



Products

Dia. (mm)	EFL (mm)	BFL (mm)	Coating	Substrate	Stock Number	Price	Buy
6.00	-6.00	-6.41	NIR II (750-1550nm)	N-SF11	#68-005	₹3,114 Qty 10+ ₹2,803	10 to 12 days
6.00	-9.00	-9.32	NIR II (750-1550nm)	N-BK7	#68-006	₹3,114 Qty 10+ ₹2,803	Contact Us
6.00	-12.00	-12.33	NIR II (750-1550nm)	N-BK7	#68-007	₹3,114 Qty 10+ ₹2,803	10 to 12 days
9.00	-9.00	-9.61	NIR II (750-1550nm)	N-SF11	#68-008	₹3,192 Qty 10+ ₹2,861	10 to 12 days
9.00	-12.00	-12.41	NIR II (750-1550nm)	N-SF11	#68-009	₹3,192 Qty 10+ ₹2,861	10 to 12 days
9.00	-18.00	-18.49	NIR II (750-1550nm)	N-BK7	#68-010	₹3,192 Qty 10+ ₹2,861	10 to 12 days
12.00	-12.00	-12.81	NIR II (750-1550nm)	N-SF11	#68-011	₹3,348 Qty 10+ ₹2,997	10 to 12 days
12.00	-18.00	-18.65	NIR II (750-1550nm)	N-BK7	#68-012	₹3,348 Qty 10+ ₹2,997	10 to 12 days
12.00	-24.00	-24.65	NIR II (750-1550nm)	N-BK7	#68-013	₹3,348 Qty 10+ ₹2,997	10 to 12 days
20.00	-20.00	-20.55	NIR II (750-1550nm)	N-SF11	#68-014	₹3,464 Qty 10+ ₹3,114	Contact Us
25.00	-25.00	-25.69	NIR II (750-1550nm)	N-SF11	#68-015	₹3,639 Qty 10+ ₹3,270	10 to 12 days
25.00	-50.00	-50.82	NIR II (750-1550nm)	N-BK7	#68-016	₹3,639 Qty 10+ ₹3,270	10 to 12 days
25.00	- 100.00	- 101.64	NIR II (750-1550nm)	N-BK7	#68-017	₹3,639 Qty 10+ ₹3,270	10 to 12 days



Copyright 2023, Edmund Optics India Private Limited, #267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038

Phone: 1-800-363-1992 :

www.edmundoptics.com