

[All Products](#) / [Optics](#) / [Optical Lenses](#) / [Plano-Concave \(PCV\) Lenses](#)

TECHSPEC® NIR I Coated Plano-Concave (PCV) 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](#), [YAG-BBAR](#), and [NIR II](#)

Common Specifications

Physical & Mechanical Properties

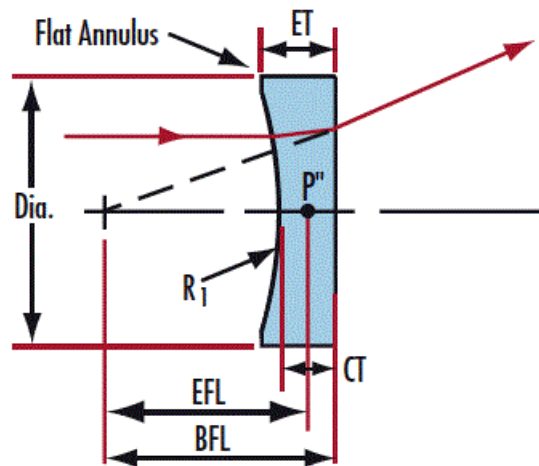
Bevel: Protective as needed

Optical Properties

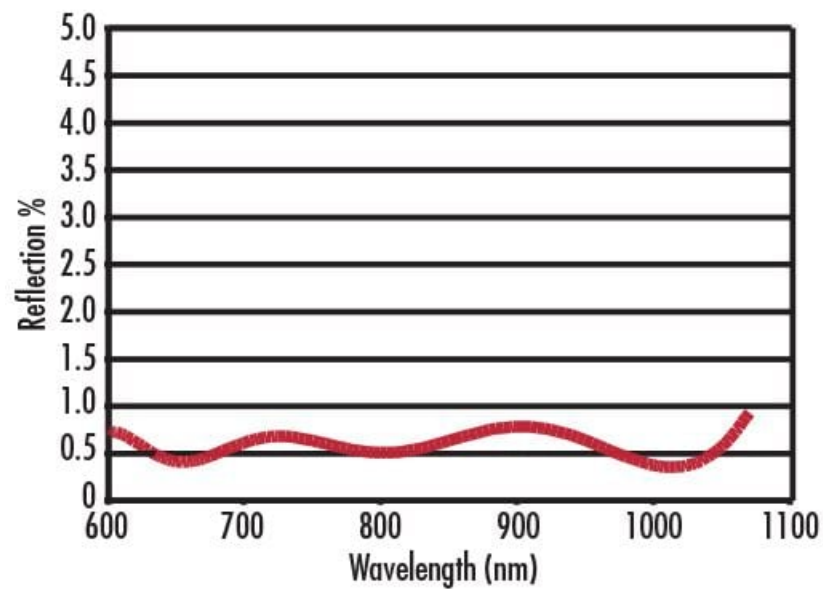
Coating: NIR I (600-1050nm)

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
Damage Threshold, By Design:	7 J/cm ² @ 1064nm, 10ns	Power (P-V) @ 632.8nm:	1.5λ
Irregularity (P-V) @ 632.8nm:	λ/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
3.00	-6.00	-6.56	NIR I (600-1050nm)	N-SF11	#84-383	A\$108.77 Volume Pricing	20+ In Stock
3.00	-9.00	-9.56	NIR I (600-1050nm)	N-SF11	#84-384	A\$108.77 Volume Pricing	Contact Us
6.00	-6.00	-6.84	NIR I (600-1050nm)	N-SF11	#49-516	A\$66.74 Volume Pricing	20+ In Stock
6.00	-9.00	-9.84	NIR I (600-1050nm)	N-SF11	#49-517	A\$66.74 Volume Pricing	20+ In Stock
6.00	-12.00	-12.99	NIR I (600-1050nm)	N-BK7	#49-518	A\$66.74 Volume Pricing	Contact Us
6.00	-15.00	-16.32	NIR I (600-1050nm)	N-BK7	#49-519	A\$66.74 Volume Pricing	6 In Stock
6.00	-18.00	-19.32	NIR I (600-1050nm)	N-BK7	#49-520	A\$66.74 Volume Pricing	20+ In Stock
9.00	-9.00	-10.21	NIR I (600-1050nm)	N-SF11	#49-521	A\$68.39 Volume Pricing	20+ In Stock
9.00	-12.00	-13.26	NIR I (600-1050nm)	N-SF11	#49-522	A\$68.39 Volume Pricing	5 In Stock
9.00	-18.00	-19.26	NIR I (600-1050nm)	N-SF11	#49-523	A\$68.39 Volume Pricing	20+ In Stock
9.00	-27.00	-28.68	NIR I (600-1050nm)	N-SF11	#49-524	A\$68.39 Volume Pricing	10 In Stock
12.00	-12.00	-13.23	NIR I (600-1050nm)	N-SF11	#49-525	A\$71.69 Volume Pricing	20+ In Stock
12.00	-15.00	-16.68	NIR I (600-1050nm)	N-SF11	#49-526	A\$71.69 Volume Pricing	20+ In Stock
12.00	-18.00	-19.95	NIR I (600-1050nm)	N-SF11	#49-527	A\$71.69 Volume Pricing	7 In Stock
12.00	-24.00	-26.32	NIR I (600-1050nm)	N-BK7	#49-528	A\$71.69 Volume Pricing	4 In Stock
12.00	-48.00	-50.31	NIR I (600-1050nm)	N-BK7	#49-530	A\$71.69 Volume Pricing	13 In Stock

20.00	-30.00	-31.96	NIR I (600-1050nm)	N-SF11	#49-531	A\$74.16 Volume Pricing	3 In Stock
20.00	-40.00	-42.31	NIR I (600-1050nm)	N-BK7	#49-532	A\$74.16 Volume Pricing	8 In Stock
20.00	-50.00	-52.31	NIR I (600-1050nm)	N-BK7	#49-533	A\$74.16 Volume Pricing	4 In Stock
20.00	-	-	NIR I (600-1050nm)	N-BK7	#22-247	A\$74.16 Volume Pricing	4 In Stock
25.00	-25.00	-26.96	NIR I (600-1050nm)	N-SF11	#49-534	A\$76.22 Volume Pricing	20+ In Stock
25.00	-35.00	-36.96	NIR I (600-1050nm)	N-SF11	#49-535	A\$76.22 Volume Pricing	6 In Stock
25.00	-50.00	-52.31	NIR I (600-1050nm)	N-BK7	#49-536	A\$76.22 Volume Pricing	14 In Stock
25.00	-	-	NIR I (600-1050nm)	N-BK7	#49-537	A\$76.22 Volume Pricing	13 In Stock
50.00	-	-	NIR I (600-1050nm)	N-BK7	#49-538	A\$110.42 Volume Pricing	5 In Stock
50.00	-	-	NIR I (600-1050nm)	N-BK7	#49-539	A\$110.42 Volume Pricing	5 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