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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

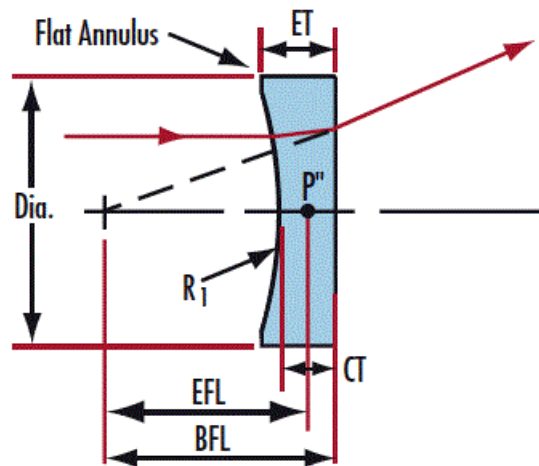
Bevel: Protective as needed

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		

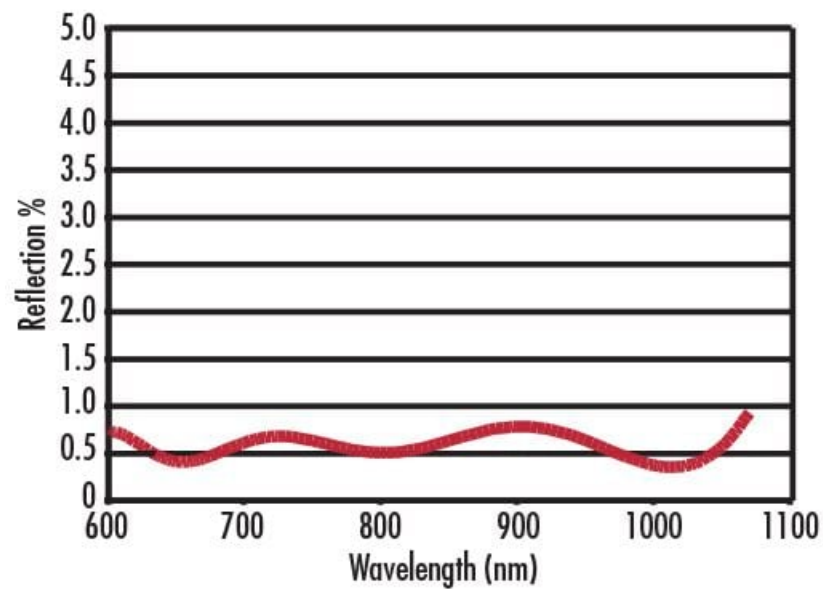
Technical Information



NIR I Coating

$R_{avg} \leq 0.5\% @ 600 - 1050\text{nm}$

Typ. Energy Density Limit: $7 \text{ J/cm}^2 @ 1064\text{nm}, 10\text{ns}$



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	€67,98 Volume Pricing	20+ In Stock
3.00	-9.00	-9.56	NIR I (600-1050nm)	N-SF11	#84-384	€67,98 Volume Pricing	Contact Us
6.00	-6.00	-6.84	NIR I (600-1050nm)	N-SF11	#49-516	€41,72 Volume Pricing	20+ In Stock
6.00	-9.00	-9.84	NIR I (600-1050nm)	N-SF11	#49-517	€41,72 Volume Pricing	20+ In Stock
6.00	-12.00	-12.99	NIR I (600-1050nm)	N-BK7	#49-518	€41,72 Volume Pricing	Contact Us
6.00	-15.00	-16.32	NIR I (600-1050nm)	N-BK7	#49-519	€41,72 Volume Pricing	8 In Stock
6.00	-18.00	-19.32	NIR I (600-1050nm)	N-BK7	#49-520	€41,72 Volume Pricing	20+ In Stock
9.00	-9.00	-10.21	NIR I (600-1050nm)	N-SF11	#49-521	€42,75 Volume Pricing	Contact Us
9.00	-12.00	-13.26	NIR I (600-1050nm)	N-SF11	#49-522	€42,75 Volume Pricing	5 In Stock
9.00	-18.00	-19.26	NIR I (600-1050nm)	N-SF11	#49-523	€42,75 Volume Pricing	20+ In Stock
9.00	-27.00	-28.68	NIR I (600-1050nm)	N-SF11	#49-524	€42,75 Volume Pricing	10 In Stock
12.00	-12.00	-13.23	NIR I (600-1050nm)	N-SF11	#49-525	€44,81 Volume Pricing	20+ In Stock
12.00	-15.00	-16.68	NIR I (600-1050nm)	N-SF11	#49-526	€44,81 Volume Pricing	20+ In Stock
12.00	-18.00	-19.95	NIR I (600-1050nm)	N-SF11	#49-527	€44,81 Volume Pricing	7 In Stock
12.00	-24.00	-26.32	NIR I (600-1050nm)	N-BK7	#49-528	€44,81 Volume Pricing	5 In Stock
12.00	-48.00	-50.31	NIR I (600-1050nm)	N-BK7	#49-530	€44,81 Volume Pricing	5 In Stock

20.00	-30.00	-31.96	NIR I (600-1050nm)	N-SF11	#49-531	€46,35 Volume Pricing	4 In Stock
20.00	-40.00	-42.31	NIR I (600-1050nm)	N-BK7	#49-532	€46,35 Volume Pricing	8 In Stock
20.00	-50.00	-52.31	NIR I (600-1050nm)	N-BK7	#49-533	€46,35 Volume Pricing	4 In Stock
20.00	-	-	NIR I (600-1050nm)	N-BK7	#22-247	€46,35 Volume Pricing	4 In Stock
25.00	-25.00	-26.96	NIR I (600-1050nm)	N-SF11	#49-534	€47,64 Volume Pricing	20+ In Stock
25.00	-35.00	-36.96	NIR I (600-1050nm)	N-SF11	#49-535	€47,64 Volume Pricing	6 In Stock
25.00	-50.00	-52.31	NIR I (600-1050nm)	N-BK7	#49-536	€47,64 Volume Pricing	16 In Stock
25.00	-	-	NIR I (600-1050nm)	N-BK7	#49-537	€47,64 Volume Pricing	14 In Stock
50.00	-	-	NIR I (600-1050nm)	N-BK7	#49-538	€69,01 Volume Pricing	Contact Us
50.00	-	-	NIR I (600-1050nm)	N-BK7	#49-539	€69,01 Volume Pricing	5 In Stock



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