

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

TECHSPEC® VIS-NIR Coated Plano-Concave (PCV) Lenses



- AR Coated to Provide <1.25% Reflectance per Surface for 400 - 1000nm
- <0.25% Reflectance @ 880nm
- Designed for 0° Angle of Incidence
- Various Coating Options: [Uncoated](#), [VIS-EXT](#), [MgF₂](#), [VIS 0°](#), [YAG-BBAR](#), [NIR I](#), and [NIR II](#)

Common Specifications

Physical & Mechanical Properties

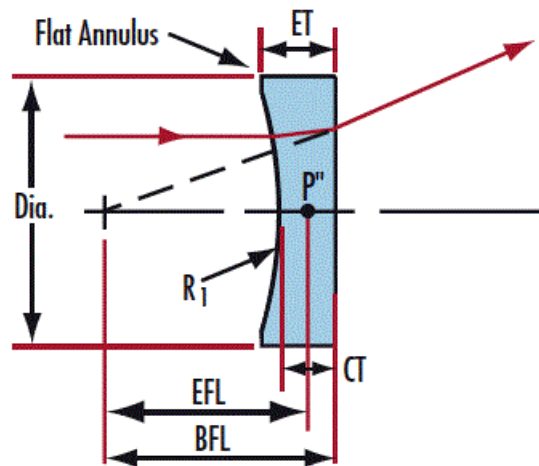
Bevel: Protective as needed

Optical Properties

Coating: VIS-NIR (400-1000nm)

Wavelength Range (nm):	400 - 1000	Focal Length Specification Wavelength (nm):	587.6
Focal Length Tolerance (%):	±1	Damage Threshold, By Design:	5 J/cm ² @ 532nm, 10ns
Power (P-V) @ 632.8nm:	1.5λ	Irregularity (P-V) @ 632.8nm:	λ/4

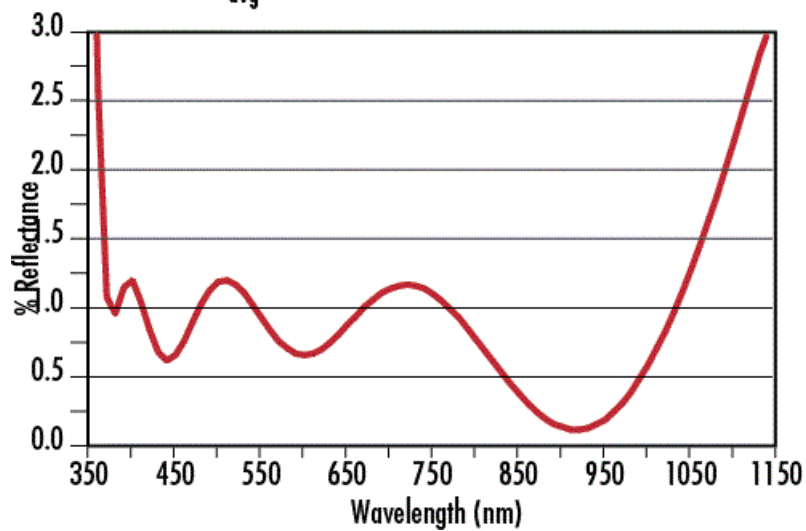
Technical Information



VIS-NIR Coating

$R_{\text{abs}} \leq 0.25\% @ 880\text{nm}$

$R_{\text{avg}} \leq 1.25\% @ 400-1000\text{nm}$



Products

Dia. (mm)	EFL (mm)	BFL (mm)	Coating	Substrate	Stock Number	Price	Buy
3.00	-6.00	-6.56	VIS-NIR (400-1000nm)	N-SF11	#84-380	C\$107.35 Volume Pricing	4 In Stock
3.00	-9.00	-9.56	VIS-NIR (400-1000nm)	N-SF11	#84-381	C\$107.35 Volume Pricing	15 In Stock
6.00	-6.00	-6.84	VIS-NIR (400-1000nm)	N-SF11	#45-910	C\$65.02 Volume Pricing	20+ In Stock
6.00	-9.00	-9.84	VIS-NIR (400-1000nm)	N-SF11	#48-345	C\$32.51 C\$65.02 Volume Pricing	20+ In Stock
6.00	-12.00	-12.99	VIS-NIR (400-1000nm)	N-BK7	#45-911	C\$32.51 C\$65.02 Volume Pricing	20+ In Stock
6.00	-15.00	-16.32	VIS-NIR (400-1000nm)	N-BK7	#48-696	C\$32.51 C\$65.02 Volume Pricing	20+ In Stock
6.00	-18.00	-19.32	VIS-NIR (400-1000nm)	N-BK7	#45-912	C\$32.51 C\$65.02 Volume Pricing	20+ In Stock
9.00	-9.00	-10.21	VIS-NIR (400-1000nm)	N-SF11	#45-913	C\$66.53 Volume Pricing	20+ In Stock
9.00	-12.00	-13.26	VIS-NIR (400-1000nm)	N-SF11	#48-346	C\$33.27 C\$66.53 Volume Pricing	14 In Stock
9.00	-18.00	-19.26	VIS-NIR (400-1000nm)	N-SF11	#45-914	C\$33.27 C\$66.53 Volume Pricing	20+ In Stock
9.00	-27.00	-28.68	VIS-NIR (400-1000nm)	N-SF11	#45-915	C\$33.27 C\$66.53 Volume Pricing	13 In Stock
12.00	-12.00	-13.23	VIS-NIR (400-1000nm)	N-SF11	#45-916	C\$41.73 C\$69.55 Volume Pricing	20+ In Stock

12.00	-15.00	-16.68	VIS-NIR (400-1000nm)	N-SF11	#48-697	C\$34.78 C\$69.55 Volume Pricing	11 In Stock
12.00	-18.00	-19.95	VIS-NIR (400-1000nm)	N-SF11	#48-347	C\$41.73 C\$69.55 Volume Pricing	3 In Stock
12.00	-24.00	-26.32	VIS-NIR (400-1000nm)	N-BK7	#45-917	C\$41.73 C\$69.55 Volume Pricing	20+ In Stock
12.00	-48.00	-50.31	VIS-NIR (400-1000nm)	N-BK7	#45-918	C\$69.55 Volume Pricing	13 In Stock
20.00	-30.00	-31.96	VIS-NIR (400-1000nm)	N-SF11	#45-919	C\$36.67 C\$73.33 Volume Pricing	8 In Stock
20.00	-40.00	-42.31	VIS-NIR (400-1000nm)	N-BK7	#45-920	C\$73.33 Volume Pricing	1 In Stock
20.00	-50.00	-52.31	VIS-NIR (400-1000nm)	N-BK7	#45-921	C\$73.33 Volume Pricing	3 In Stock
20.00	-	-	VIS-NIR (400-1000nm)	N-BK7	#22-246	C\$73.33 Volume Pricing	5 In Stock
25.00	-25.00	-26.96	VIS-NIR (400-1000nm)	N-SF11	#45-922	C\$77.11 Volume Pricing	10 In Stock
25.00	-35.00	-36.96	VIS-NIR (400-1000nm)	N-SF11	#48-698	C\$77.11 Volume Pricing	5 In Stock
25.00	-50.00	-52.31	VIS-NIR (400-1000nm)	N-BK7	#45-923	C\$38.56 C\$77.11 Volume Pricing	20+ In Stock
25.00	-	-	VIS-NIR (400-1000nm)	N-BK7	#45-924	C\$38.56 C\$77.11 Volume Pricing	20+ In Stock
50.00	-	-	VIS-NIR (400-1000nm)	N-BK7	#45-925	C\$112.64 Volume Pricing	1 In Stock
50.00	-	-	VIS-NIR (400-1000nm)	N-BK7	#45-926	C\$112.64 Volume Pricing	2 In Stock



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