

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


- Wavelength Range of 400-2200nm
- Precision Diameter and Centration Tolerances Allow for Easy OEM Integration
- Wide Variety of Diameters, Focal Lengths, and Coatings
- Anti-Reflection Coating Options: [VIS-EXT](#), [MgF₂](#), [VIS 0°](#), [VIS-NIR](#), [YAG-BBAR](#), [NIR I](#), and [NIR II](#)

Common Specifications

Physical & Mechanical Properties

Bevel:	Protective as needed
--------	----------------------

Optical Properties

Coating:	Uncoated
----------	----------

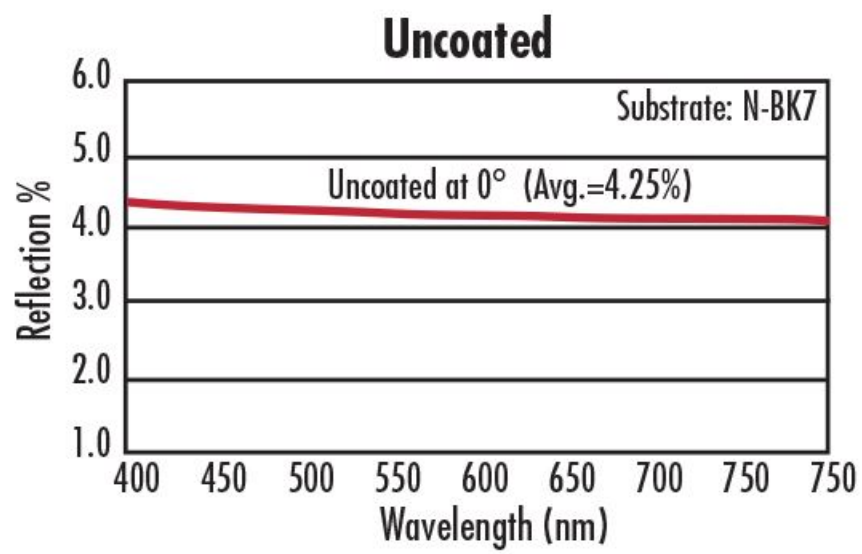
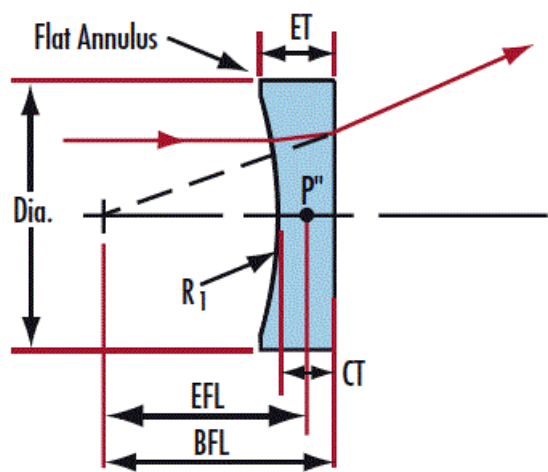
Focal Length Specification Wavelength (nm):	587.6
---	-------

Focal Length Tolerance (%):	±1
-----------------------------	----

Power (P-V) @ 632.8nm:	1.5λ
------------------------	------

Irregularity (P-V) @ 632.8nm:	λ/4
-------------------------------	-----

Technical Information



Products

Dia. (mm)	EFL (mm)	BFL (mm)	Coating	Substrate	Stock Number	Price	Buy
3.00	-6.00	-6.56	Uncoated	N-SF11	#45-374	€51,50 Volume Pricing	20+ In Stock
3.00	-9.00	-9.56	Uncoated	N-SF11	#45-376	€51,50 Volume Pricing	10 In Stock
6.00	-6.00	-6.84	Uncoated	N-SF11	#45-006	€29,36 Volume Pricing	2 In Stock
6.00	-9.00	-9.84	Uncoated	N-SF11	#48-333	€29,36 Volume Pricing	20+ In Stock
6.00	-12.00	-12.99	Uncoated	N-BK7	#45-008	€29,36 Volume Pricing	20+ In Stock
6.00	-15.00	-16.32	Uncoated	N-BK7	#48-678	€29,36 Volume Pricing	20+ In Stock
6.00	-18.00	-19.32	Uncoated	N-BK7	#45-010	€29,36 Volume Pricing	20+ In Stock
9.00	-9.00	-10.21	Uncoated	N-SF11	#45-380	€30,39 Volume Pricing	20+ In Stock
9.00	-12.00	-13.26	Uncoated	N-SF11	#48-334	€30,39 Volume Pricing	20+ In Stock
9.00	-18.00	-19.26	Uncoated	N-SF11	#45-382	€30,39 Volume Pricing	11 In Stock
9.00	-27.00	-28.68	Uncoated	N-SF11	#45-384	€30,39 Volume Pricing	8 In Stock
12.00	-12.00	-13.23	Uncoated	N-SF11	#45-014	€30,90 Volume Pricing	20+ In Stock
12.00	-15.00	-16.68	Uncoated	N-SF11	#48-679	€30,90 Volume Pricing	20+ In Stock
12.00	-18.00	-19.95	Uncoated	N-SF11	#48-335	€30,90 Volume Pricing	20+ In Stock
12.00	-24.00	-26.32	Uncoated	N-BK7	#45-016	€30,90 Volume Pricing	20+ In Stock
12.00	-48.00	-50.31	Uncoated	N-BK7	#45-018	€30,90 Volume Pricing	20+ In Stock
20.00	-30.00	-31.96	Uncoated	N-SF11	#45-020	€32,45 Volume Pricing	20+ In Stock

20.00	-40.00	-42.31	Uncoated	N-BK7	#45-022	€32,45 Volume Pricing	20+ In Stock
20.00	-50.00	-52.31	Uncoated	N-BK7	#45-024	€32,45 Volume Pricing	20+ In Stock
20.00	-100.00	-102.88	Uncoated	N-BK7	#21-334	€32,45 Volume Pricing	13 In Stock
25.00	-25.00	-26.96	Uncoated	N-SF11	#45-030	€33,73 Volume Pricing	20+ In Stock
25.00	-35.00	-36.96	Uncoated	N-SF11	#48-680	€33,73 Volume Pricing	20+ In Stock
25.00	-50.00	-52.31	Uncoated	N-BK7	#45-028	€33,73 Volume Pricing	20+ In Stock
25.00	-100.00	-102.31	Uncoated	N-BK7	#45-026	€33,73 Volume Pricing	20+ In Stock
50.00	-100.00	-103.30	Uncoated	N-BK7	#45-036	€49,96 Volume Pricing	20+ In Stock
50.00	-125.00	-128.30	Uncoated	N-BK7	#45-038	€49,96 Volume Pricing	20+ In Stock



Copyright 2025 | Edmund Optics BV, De Maas 22B, 5684 PL Best, The Netherlands
Phone: 1-800-363-1992 :
www.edmundoptics.com