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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 bevel as needed

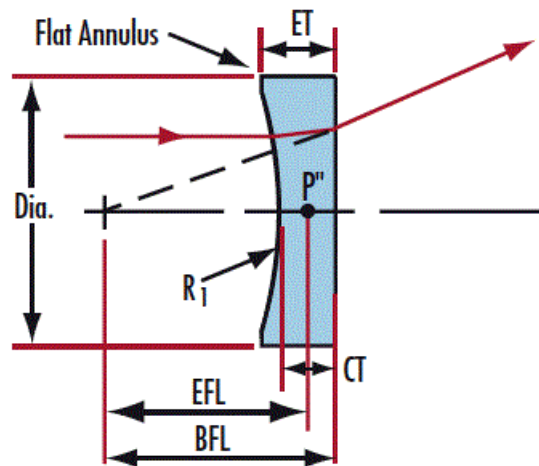
Optical Properties

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

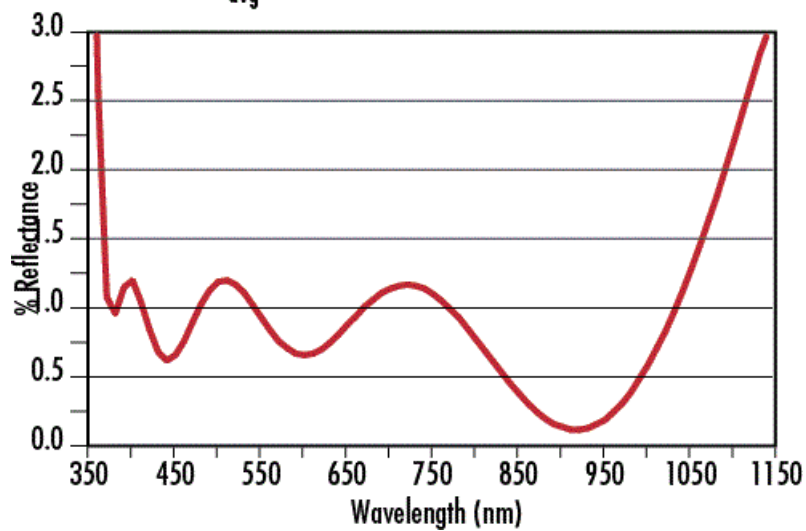
Technical Information



VIS-NIR Coating

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

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



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	€71,00 Qty 10+ €64,00	3-4 days
3.00	-9.00	-9.56	VIS-NIR (400-1000nm)	N-SF11	#84-381	€71,00 Qty 10+ €64,00	3-4 days
6.00	-6.00	-6.84	VIS-NIR (400-1000nm)	N-SF11	#45-910	€43,00 Qty 10+ €38,50	3-4 days
6.00	-9.00	-9.84	VIS-NIR (400-1000nm)	N-SF11	#48-345	€43,00 Qty 10+ €38,50	In Stock
6.00	-12.00	-12.99	VIS-NIR (400-1000nm)	N-BK7	#45-911	€43,00 Qty 10+ €38,50	3-4 days
6.00	-15.00	-16.32	VIS-NIR (400-1000nm)	N-BK7	#48-696	€43,00 Qty 10+ €38,50	In Stock
6.00	-18.00	-19.32	VIS-NIR (400-1000nm)	N-BK7	#45-912	€43,00 Qty 10+ €38,50	In Stock
9.00	-9.00	-10.21	VIS-NIR (400-1000nm)	N-SF11	#45-913	€44,00 Qty 10+ €39,50	3-4 days
9.00	-12.00	-13.26	VIS-NIR (400-1000nm)	N-SF11	#48-346	€44,00 Qty 10+ €39,50	3-4 days
9.00	-18.00	-19.26	VIS-NIR (400-1000nm)	N-SF11	#45-914	€44,00 Qty 10+ €39,50	3-4 days
9.00	-27.00	-28.68	VIS-NIR (400-1000nm)	N-SF11	#45-915	€44,00 Qty 10+ €39,50	3-4 days
12.00	-12.00	-13.23	VIS-NIR (400-1000nm)	N-SF11	#45-916	€46,00 Qty 10+ €41,25	In Stock

12.00	-15.00	-16.68	VIS-NIR (400-1000nm)	N-SF11	#48-697	€46,00 Qty 10+ €41,25	3-4 days
12.00	-18.00	-19.95	VIS-NIR (400-1000nm)	N-SF11	#48-347	€46,00 Qty 10+ €41,25	In Stock
12.00	-24.00	-26.32	VIS-NIR (400-1000nm)	N-BK7	#45-917	€46,00 Qty 10+ €41,25	In Stock
12.00	-48.00	-50.31	VIS-NIR (400-1000nm)	N-BK7	#45-918	€46,00 Qty 10+ €41,25	3-4 days
20.00	-30.00	-31.96	VIS-NIR (400-1000nm)	N-SF11	#45-919	€48,50 Qty 10+ €43,50	In Stock
20.00	-40.00	-42.31	VIS-NIR (400-1000nm)	N-BK7	#45-920	€48,50 Qty 10+ €43,50	3-4 days
20.00	-50.00	-52.31	VIS-NIR (400-1000nm)	N-BK7	#45-921	€48,50 Qty 10+ €43,50	3-4 days
20.00	-	-	VIS-NIR (400-1000nm)	N-BK7	#22-246	€48,50 Qty 10+ €43,50	3-4 days
25.00	-25.00	-26.96	VIS-NIR (400-1000nm)	N-SF11	#45-922	€51,00 Qty 10+ €45,75	3-4 days
25.00	-35.00	-36.96	VIS-NIR (400-1000nm)	N-SF11	#48-698	€51,00 Qty 10+ €45,75	Contact Us
25.00	-50.00	-52.31	VIS-NIR (400-1000nm)	N-BK7	#45-923	€51,00 Qty 10+ €45,75	3-4 days
25.00	-	-	VIS-NIR (400-1000nm)	N-BK7	#45-924	€51,00 Qty 10+ €45,75	3-4 days
50.00	-	-	VIS-NIR (400-1000nm)	N-BK7	#45-925	€74,50 Qty 10+ €67,00	Contact Us
50.00	-	-	VIS-NIR (400-1000nm)	N-BK7	#45-926	€74,50 Qty 10+ €67,00	3-4 days



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