

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

TECHSPEC® YAG-BBAR Coated Plano-Concave (PCV) Lenses



- Negative Focal Lengths for Beam Expansion or Light Projection Applications
- Optimized for $R < 0.25\%$ at both 532nm and 1064nm
- AR Coated to Provide $< 1.0\%$ Reflectance per Surface for 500 - 1100nm
- Various Coating Options: [Uncoated](#), [VIS-EXT](#), [MgF₂](#), [VIS 0°](#), [VIS-NIR](#), [NIR I](#), [NIR II](#), and [1064nm V-Coat](#)

Common Specifications

Physical & Mechanical Properties

Bevel:

Protective bevel as needed

Optical Properties

Coating:

YAG-BBAR (500-1100nm)

Wavelength Range (nm):	500 - 1100	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:	1.5 λ	Irregularity (P-V) @ 632.8nm:	$\lambda/4$

Technical Information

Products

Dia. (mm)	EFL (mm)	BFL (mm)	Coating	Substrate	Stock Number	Price	Buy
3.00	-6.00	-6.56	YAG-BBAR (500- 1100nm)	N-SF11	#21-299	€71,00 Qty 10+ €64,00	3-4 days
3.00	-9.00	-9.56	YAG-BBAR (500- 1100nm)	N-SF11	#21-300	€71,00 Qty 10+ €64,00	3-4 days
6.00	-6.00	-6.84	YAG-BBAR (500- 1100nm)	N-SF11	#21-301	€43,00 Qty 10+ €38,50	3-4 days
6.00	-9.00	-9.84	YAG-BBAR (500- 1100nm)	N-SF11	#21-302	€43,00 Qty 10+ €38,50	3-4 days
6.00	-12.00	-12.99	YAG-BBAR (500- 1100nm)	N-BK7	#21-303	€43,00 Qty 10+ €38,50	3-4 days
6.00	-15.00	-16.32	YAG-BBAR (500- 1100nm)	N-BK7	#21-304	€43,00 Qty 10+ €38,50	3-4 days
6.00	-18.00	-19.32	YAG-BBAR (500- 1100nm)	N-BK7	#21-305	€43,00 Qty 10+ €38,50	3-4 days
9.00	-9.00	-10.21	YAG-BBAR (500- 1100nm)	N-SF11	#21-306	€44,00 Qty 10+ €39,50	3-4 days
9.00	-12.00	-13.26	YAG-BBAR (500- 1100nm)	N-SF11	#21-307	€44,00 Qty 10+ €39,50	3-4 days
9.00	-18.00	-19.26	YAG-BBAR (500- 1100nm)	N-SF11	#21-308	€44,00 Qty 10+ €39,50	3-4 days
9.00	-27.00	-28.68	YAG-BBAR (500- 1100nm)	N-SF11	#21-309	€44,00 Qty 10+ €39,50	3-4 days
12.00	-12.00	-13.23	YAG-BBAR (500- 1100nm)	N-SF11	#21-310	€46,00 Qty 10+ €41,25	3-4 days

12.00	-15.00	-16.68	YAG-BBAR (500-1100nm)	N-SF11	#21-311	€46,00 Qty 10+ €41,25	3-4 days
12.00	-18.00	-19.95	YAG-BBAR (500-1100nm)	N-SF11	#21-312	€46,00 Qty 10+ €41,25	3-4 days
12.00	-24.00	-26.32	YAG-BBAR (500-1100nm)	N-BK7	#21-313	€46,00 Qty 10+ €41,25	3-4 days
12.00	-48.00	-50.31	YAG-BBAR (500-1100nm)	N-BK7	#21-314	€46,00 Qty 10+ €41,25	3-4 days
20.00	-30.00	-31.96	YAG-BBAR (500-1100nm)	N-SF11	#21-315	€48,50 Qty 10+ €43,50	3-4 days
20.00	-40.00	-42.31	YAG-BBAR (500-1100nm)	N-BK7	#21-316	€48,50 Qty 10+ €43,50	3-4 days
20.00	-50.00	-52.31	YAG-BBAR (500-1100nm)	N-BK7	#21-317	€48,50 Qty 10+ €43,50	3-4 days
20.00	-	-	YAG-BBAR (500-1100nm)	N-BK7	#21-335	€48,50 Qty 10+ €43,50	3-4 days
25.00	-25.00	-26.96	YAG-BBAR (500-1100nm)	N-SF11	#21-318	€51,00 Qty 10+ €45,75	In Stock
25.00	-35.00	-36.96	YAG-BBAR (500-1100nm)	N-SF11	#21-319	€51,00 Qty 10+ €45,75	3-4 days
25.00	-50.00	-52.31	YAG-BBAR (500-1100nm)	N-BK7	#21-320	€51,00 Qty 10+ €45,75	3-4 days
25.00	-	-	YAG-BBAR (500-1100nm)	N-BK7	#21-321	€51,00 Qty 10+ €45,75	3-4 days
50.00	-	-	YAG-BBAR (500-1100nm)	N-BK7	#21-322	€74,50 Qty 10+ €67,00	Contact Us
50.00	-	-	YAG-BBAR (500-1100nm)	N-BK7	#21-323	€74,50 Qty 10+ €67,00	3-4 days



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