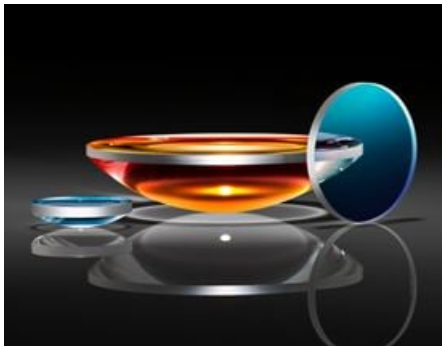


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TECHSPEC®

UV Fused Silica Plano-Convex (PCX) Lenses - YAG-BBAR Coated



- AR Coated to Provide <1.0% Reflection per Surface for 500 - 1100nm
- Precision Fused Silica Substrate
- Various Coating Options: [Uncoated](#), [MgF₂](#), [UV-AR](#), [UV-VIS](#), [VIS-EXT](#), [VIS-NIR](#), [VIS 0°](#), [NIR I](#), and [NIR II](#)

Common Specifications

Physical & Mechanical Properties

Bevel: Protective as needed

Optical Properties

Coating: YAG-BBAR (500-1100nm)

Coating Specification: $R_{abs} < 0.25\% @ 532nm$ $R_{abs} < 0.25\% @ 1064nm$ $R_{avg} < 1.0\% @ 500 - 1100nm$	Substrate: Fused Silica (Corning 7980)
Surface Quality: 40-20	Power (P-V) @ 632.8nm: 3 Rings
Irregularity (P-V) @ 632.8nm: 0.5 Rings	Focal Length Tolerance (%): ± 1
Wavelength Range (nm): 500 - 1100	Damage Threshold, By Design: 5 J/cm ² @ 532nm, 10ns

Technical Information

Products

Dia. (mm)	EFL (mm)	BFL (mm)	Coating	Substrate	Stock Number	Price	Buy
5.00	10.00	8.63	YAG-BBAR (500- 1100nm)	Fused Silica	#18-258	₹10,743 Volume Pricing	3 In Stock
5.00	15.00	13.83	YAG-BBAR (500- 1100nm)	Fused Silica	#18-263	₹10,198 Volume Pricing	3 In Stock
5.00	25.00	23.97	YAG-BBAR (500- 1100nm)	Fused Silica	#18-273	₹10,198 Volume Pricing	3 In Stock
6.00	9.00	7.29	YAG-BBAR (500- 1100nm)	Fused Silica	#18-013	₹10,977 Volume Pricing	14 In Stock
6.00	12.00	10.63	YAG-BBAR (500- 1100nm)	Fused Silica	#18-018	₹10,977 Volume Pricing	6 In Stock
6.00	18.00	16.62	YAG-BBAR (500- 1100nm)	Fused Silica	#18-023	₹10,588 Volume Pricing	5 In Stock
6.00	15.00	13.63	YAG-BBAR (500- 1100nm)	Fused Silica	#18-118	₹10,588 Volume Pricing	2 In Stock
9.00	22.00	19.94	YAG-BBAR (500- 1100nm)	Fused Silica	#17-963	₹10,743 Volume Pricing	2 In Stock
9.00	13.50	11.44	YAG-BBAR (500- 1100nm)	Fused Silica	#18-028	₹11,133 Volume Pricing	6 In Stock
9.00	18.00	15.94	YAG-BBAR (500- 1100nm)	Fused Silica	#18-033	₹11,133 Volume Pricing	3 In Stock
9.00	27.00	25.63	YAG-BBAR (500- 1100nm)	Fused Silica	#18-038	₹10,743 Volume Pricing	5 In Stock
9.00	12.00	9.26	YAG-BBAR (500- 1100nm)	Fused Silica	#18-128	₹11,133 Volume Pricing	20+ In Stock

10.00	20.00	17.94	YAG-BBAR (500-1100nm)	Fused Silica	#17-968	₹11,366 Volume Pricing	9 In Stock
12.00	72.00	70.29	YAG-BBAR (500-1100nm)	Fused Silica	#17-978	₹10,588 Volume Pricing	20+ In Stock
12.00	25.00	22.31	YAG-BBAR (500-1100nm)	Fused Silica	#18-043	₹11,522 Volume Pricing	8 In Stock
12.00	30.00	27.56	YAG-BBAR (500-1100nm)	Fused Silica	#18-048	₹11,133 Volume Pricing	4 In Stock
12.00	40.00	37.85	YAG-BBAR (500-1100nm)	Fused Silica	#18-053	₹11,133 Volume Pricing	Contact Us
12.00	50.00	48.01	YAG-BBAR (500-1100nm)	Fused Silica	#18-058	₹10,588 Volume Pricing	11 In Stock
12.00	100.00	98.33	YAG-BBAR (500-1100nm)	Fused Silica	#18-063	₹10,588 Volume Pricing	8 In Stock
12.00	18.00	15.26	YAG-BBAR (500-1100nm)	Fused Silica	#18-138	₹11,522 Volume Pricing	7 In Stock
12.00	36.00	34.29	YAG-BBAR (500-1100nm)	Fused Silica	#18-143	₹11,133 Volume Pricing	9 In Stock
15.00	30.00	27.53	YAG-BBAR (500-1100nm)	Fused Silica	#18-213	₹12,145 Volume Pricing	3 In Stock
15.00	45.00	42.94	YAG-BBAR (500-1100nm)	Fused Silica	#18-218	₹11,755 Volume Pricing	9 In Stock
15.00	60.00	57.94	YAG-BBAR (500-1100nm)	Fused Silica	#18-223	₹11,755 Volume Pricing	1 In Stock
18.00	27.00	23.23	YAG-BBAR (500-1100nm)	Fused Silica	#17-988	₹12,145 Volume Pricing	3 In Stock
20.00	30.00	25.88	YAG-BBAR (500-1100nm)	Fused Silica	#18-153	₹12,534 Volume Pricing	2 In Stock

20.00	40.00	36.92	YAG-BBAR (500-1100nm)	Fused Silica	#18-163	₹12,534 Volume Pricing	15 In Stock
20.00	50.00	47.25	YAG-BBAR (500-1100nm)	Fused Silica	#18-168	₹12,145 Volume Pricing	2 In Stock
20.00	60.00	57.60	YAG-BBAR (500-1100nm)	Fused Silica	#18-173	₹12,145 Volume Pricing	Contact Us
20.00	80.00	77.95	YAG-BBAR (500-1100nm)	Fused Silica	#18-178	₹12,145 Volume Pricing	1 In Stock
25.00	40.00	34.86	YAG-BBAR (500-1100nm)	Fused Silica	#18-008	₹12,690 Volume Pricing	6 In Stock
25.00	38.00	33.03	YAG-BBAR (500-1100nm)	Fused Silica	#18-068	₹12,690 Volume Pricing	6 In Stock
25.00	50.00	46.00	YAG-BBAR (500-1100nm)	Fused Silica	#18-073	₹12,690 Volume Pricing	10 In Stock
25.00	75.00	71.96	YAG-BBAR (500-1100nm)	Fused Silica	#18-078	₹12,300 Volume Pricing	9 In Stock
25.00	100.00	97.40	YAG-BBAR (500-1100nm)	Fused Silica	#18-083	₹12,300 Volume Pricing	9 In Stock
25.00	125.00	122.65	YAG-BBAR (500-1100nm)	Fused Silica	#18-088	₹11,755 Volume Pricing	5 In Stock
25.00	150.00	147.82	YAG-BBAR (500-1100nm)	Fused Silica	#18-093	₹11,755 Volume Pricing	15 In Stock
25.00	175.00	172.94	YAG-BBAR (500-1100nm)	Fused Silica	#18-098	₹11,755 Volume Pricing	4 In Stock
25.00	200.00	198.02	YAG-BBAR (500-1100nm)	Fused Silica	#18-103	₹11,755 Volume Pricing	5 In Stock
25.00	250.00	248.14	YAG-BBAR (500-1100nm)	Fused Silica	#18-108	₹11,755 Volume Pricing	6 In Stock

25.00	400.00	398.33	YAG-BBAR (500-1100nm)	Fused Silica	#18-113	₹11,755 Volume Pricing	6 In Stock
25.00	60.00	56.92	YAG-BBAR (500-1100nm)	Fused Silica	#18-148	₹12,300 Volume Pricing	6 In Stock
30.00	50.00	45.2	YAG-BBAR (500-1100nm)	Fused Silica	#18-233	₹15,336 Volume Pricing	1 In Stock
30.00	90.00	86.57	YAG-BBAR (500-1100nm)	Fused Silica	#18-243	₹14,947 Volume Pricing	2 In Stock
30.00	120.00	116.57	YAG-BBAR (500-1100nm)	Fused Silica	#18-248	₹14,947 Volume Pricing	4 In Stock
30.00	150.00	146.57	YAG-BBAR (500-1100nm)	Fused Silica	#18-253	₹14,558 Volume Pricing	4 In Stock
50.00	75.00	66.43	YAG-BBAR (500-1100nm)	Fused Silica	#18-183	₹24,056 Volume Pricing	6 In Stock
50.00	100.00	93.84	YAG-BBAR (500-1100nm)	Fused Silica	#18-188	₹24,056 Volume Pricing	3 In Stock
50.00	150.00	145.20	YAG-BBAR (500-1100nm)	Fused Silica	#18-193	₹23,666 Volume Pricing	3 In Stock
50.00	200.00	195.19	YAG-BBAR (500-1100nm)	Fused Silica	#18-198	₹23,666 Volume Pricing	1 In Stock
50.00	250.00	245.21	YAG-BBAR (500-1100nm)	Fused Silica	#18-203	₹23,666 Volume Pricing	3 In Stock



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