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TECHSPEC® YAG-BBAR Coated Achromatic Lenses


- Optimized for <0.25% Absolute Reflectivity at 532nm and 1064nm
- Excellent Broadband Transmission from 500 - 1100nm
- Low Cost Alternative to Air-Spaced Focusing Doublets

Common Specifications

Physical & Mechanical Properties

Centering (arcmin): <1

Bevel: Protective as needed

Optical Properties

 Focal Length Tolerance (%): ± 1

Focal Length Specification Wavelength (nm): 587.6

Surface Quality: 40-20

Coating: YAG-BBAR (500-1100nm)

 Power (P-V) @ 632.8nm: 1.5λ

 Irregularity (P-V) @ 632.8nm: $\lambda/4$

Wavelength Range (nm): 500 - 1100

Technical Information

Products

Dia. (mm)	EFL (mm)	BFL (mm)	Substrate	Coating	Stock Number	Price	Buy
6.25	12.50	10.36	N-BAF10 / N-SF10	YAG-BBAR (500-1100nm)	#33-202	£62.00 Volume Pricing	17 In Stock
6.25	25.00	23.45	N-BK7 / N-SF5	YAG-BBAR (500-1100nm)	#33-203	£62.00 Volume Pricing	Contact Us
6.25	50.00	48.61	N-BK7 / N-SF5	YAG-BBAR (500-1100nm)	#33-204	£62.00 Volume Pricing	10 In Stock
9.00	12.00	8.33	N-BAF10 / N-SF57	YAG-BBAR (500-1100nm)	#11-356	£65.60 Volume Pricing	15 In Stock
12.50	25.00	21.47	N-BAF10 / N-SF10	YAG-BBAR (500-1100nm)	#33-205	£74.00 Volume Pricing	20+ In Stock
12.50	50.00	47.61	N-BK7 / N-SF5	YAG-BBAR (500-1100nm)	#33-206	£74.00 Volume Pricing	1 In Stock
12.50	75.00	72.35	N-BK7 / N-SF5	YAG-BBAR (500-1100nm)	#33-207	£74.00 Volume Pricing	20+ In Stock
12.50	100.00	97.92	N-BK7 / N-SF5	YAG-BBAR (500-1100nm)	#33-208	£74.00 Volume Pricing	11 In Stock
12.70	31.75	28.83	N-SSK8 / N-SF56	YAG-BBAR (500-1100nm)	#15-476	£74.00 Volume Pricing	20+ In Stock
18.00	35.00	30.72	N-BAF10 / N-SF10	YAG-BBAR (500-1100nm)	#15-477	£88.80 Volume Pricing	20+ In Stock
20.00	40.00	34.40	N-BAF10 / N-SF10	YAG-BBAR (500-1100nm)	#11-357	£90.40 Volume Pricing	20+ In Stock
25.00	50.00	43.53	N-BAF10 / N-SF10	YAG-BBAR (500-1100nm)	#33-209	£102.40 Volume Pricing	20+ In Stock

25.00	75.00	70.39	N-BK7 / N-SF5	YAG-BBAR (500-1100nm)	#33-210	£102.40 Volume Pricing	20+ In Stock
25.00	100.00	95.92	N-BK7 / N-SF5	YAG-BBAR (500-1100nm)	#33-211	£102.40 Volume Pricing	20+ In Stock
25.00	150.00	146.1	N-BK7 / N-SF5	YAG-BBAR (500-1100nm)	#33-212	£102.40 Volume Pricing	Contact Us
25.00	200.00	194.14	N-BK7 / N-SF5	YAG-BBAR (500-1100nm)	#33-213	£102.40 Volume Pricing	20+ In Stock
40.00	100.00	91.24	N-BK7 / N-SF5	YAG-BBAR (500-1100nm)	#19-420	£153.60 Volume Pricing	20+ In Stock
40.00	120.00	111.00	N-SSK8 / N-SF10	YAG-BBAR (500-1100nm)	#19-419	£153.60 Volume Pricing	5 In Stock
40.00	160.00	154.10	N-BK7 / N-SF5	YAG-BBAR (500-1100nm)	#11-732	£153.60 Volume Pricing	20+ In Stock
40.00	200.00	194.14	N-BK7 / N-SF5	YAG-BBAR (500-1100nm)	#11-733	£153.60 Volume Pricing	20+ In Stock



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