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TECHSPEC® VIS 0° Coated Double-Convex (DCX) Lenses



- AR Coated to Provide <0.4% Reflectance per Surface for 425 - 675nm
- Minimize Aberrations Including Spherical and Coma
- [UV Fused Silica DCX Lenses](#) Available
- Other Coating Options Available: [Uncoated](#), [MgF₂](#), [NIR I](#), [NIR II](#), [VIS-EXT](#), [VIS-NIR](#), and [YAG-BBAR](#)

Common Specifications

Physical & Mechanical Properties

Bevel: Protective as needed

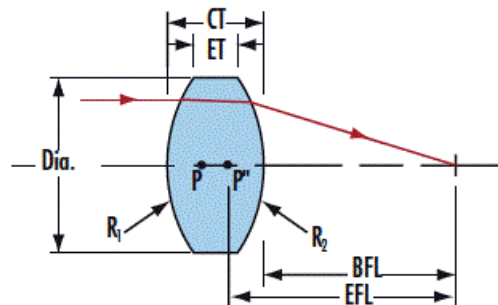
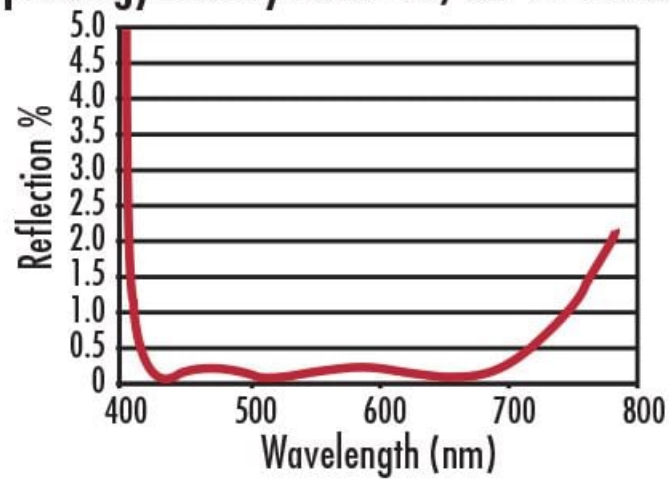
Optical Properties

Coating: VIS 0° (425-675nm)

Coating Specification:	$R_{\text{avg}} \leq 0.4\% @ 425 - 675\text{nm}$	Power (P-V) @ 632.8nm:	1.5λ
Irregularity (P-V) @ 632.8nm:	$\lambda/4$	Focal Length Specification Wavelength (nm):	587.6
Focal Length Tolerance (%):	± 1	Wavelength Range (nm):	425 - 675

Technical Information

VIS 0° Coating
 $R_{avg} \leq 0.4\%$ @ 425 - 675nm
Typ. Energy Density Limit: 5 J/cm² @ 532nm, 10ns



Products

Dia. (mm)	BFL (mm)	EFL (mm)	Coating	Substrate	Stock Number	Price	Buy
3.00	2.21	3.00	VIS 0° (425-675nm)	N-SF5	#49-181	S\$100.10 Volume Pricing	13 In Stock
3.00	3.78	4.50	VIS 0° (425-675nm)	N-BK7	#49-182	S\$100.10 Volume Pricing	14 In Stock
3.00	5.37	6.00	VIS 0° (425-675nm)	N-BK7	#49-183	S\$100.10 Volume Pricing	5 In Stock
3.00	8.46	9.00	VIS 0° (425-675nm)	N-BK7	#49-184	S\$100.10 Volume Pricing	13 In Stock
4.50	3.70	4.50	VIS 0° (425-675nm)	N-LASF44	#47-895	S\$100.10 Volume Pricing	8 In Stock
4.50	8.16	9.00	VIS 0° (425-675nm)	N-BK7	#47-896	S\$100.10 Volume Pricing	20+ In Stock
5.00	4.19	5.00	VIS 0° (425-675nm)	N-SF5	#63-594	S\$79.80 Volume Pricing	14 In Stock
5.00	9.31	10.00	VIS 0° (425-675nm)	N-BK7	#63-595	S\$79.80 Volume Pricing	6 In Stock
5.00	14.33	15.00	VIS 0° (425-675nm)	N-BK7	#63-596	S\$79.80 Volume Pricing	1 In Stock
5.00	19.50	20.00	VIS 0° (425-675nm)	N-BK7	#63-597	S\$79.80 Volume Pricing	3 In Stock
5.00	24.50	25.00	VIS 0° (425-675nm)	N-BK7	#63-598	S\$79.80 Volume Pricing	Contact Us
6.00	5.19	6.00	VIS 0° (425-675nm)	N-SF5	#47-478	S\$63.35 Volume Pricing	20+ In Stock
6.00	8.22	9.00	VIS 0° (425-675nm)	N-BK7	#47-479	S\$63.35 Volume Pricing	9 In Stock
6.00	11.18	12.00	VIS 0° (425-675nm)	N-BK7	#47-480	S\$63.35 Volume Pricing	14 In Stock
6.00	17.26	18.00	VIS 0° (425-675nm)	N-BK7	#47-481	S\$63.35 Volume Pricing	20+ In Stock
6.00	23.13	24.00	VIS 0° (425-675nm)	N-BK7	#47-482	S\$63.35 Volume Pricing	6 In Stock

6.00	29.23	30.00	VIS 0° (425-675nm)	N-BK7	#47-483	S\$63.35 Volume Pricing	17 In Stock
6.00	35.33	36.00	VIS 0° (425-675nm)	N-BK7	#47-484	S\$63.35 Volume Pricing	Contact Us
9.00	7.90	9.00	VIS 0° (425-675nm)	N-SF5	#47-485	S\$65.10 Volume Pricing	20+ In Stock
9.00	12.56	13.50	VIS 0° (425-675nm)	N-BK7	#47-486	S\$65.10 Volume Pricing	1 In Stock
9.00	17.12	18.00	VIS 0° (425-675nm)	N-BK7	#47-487	S\$65.10 Volume Pricing	20+ In Stock
9.00	26.08	27.00	VIS 0° (425-675nm)	N-BK7	#47-488	S\$65.10 Volume Pricing	15 In Stock
9.00	35.15	36.00	VIS 0° (425-675nm)	N-BK7	#47-489	S\$65.10 Volume Pricing	1 In Stock
9.00	44.17	45.00	VIS 0° (425-675nm)	N-BK7	#47-490	S\$65.10 Volume Pricing	8 In Stock
10.00	8.89	10.00	VIS 0° (425-675nm)	N-SF5	#63-599	S\$65.10 Volume Pricing	20+ In Stock
10.00	13.80	15.00	VIS 0° (425-675nm)	N-BK7	#63-600	S\$65.10 Volume Pricing	20+ In Stock
10.00	19.16	20.00	VIS 0° (425-675nm)	N-BK7	#63-601	S\$65.10 Volume Pricing	Contact Us
10.00	24.16	25.00	VIS 0° (425-675nm)	N-BK7	#63-602	S\$65.10 Volume Pricing	Contact Us
10.00	29.17	30.00	VIS 0° (425-675nm)	N-BK7	#63-603	S\$65.10 Volume Pricing	2 In Stock
10.00	39.16	40.00	VIS 0° (425-675nm)	N-BK7	#63-604	S\$65.10 Volume Pricing	5 In Stock
10.00	49.17	50.00	VIS 0° (425-675nm)	N-BK7	#63-605	S\$65.10 Volume Pricing	2 In Stock
10.00	99.17	100.00	VIS 0° (425-675nm)	N-BK7	#63-606	S\$65.10 Volume Pricing	1 In Stock
12.00	10.79	12.00	VIS 0° (425-675nm)	N-SF5	#47-358	S\$69.65 Volume Pricing	20+ In Stock
12.00	16.81	18.00	VIS 0° (425-675nm)	N-BK7	#47-359	S\$67.90 Volume Pricing	20+ In Stock
12.00	22.65	24.00	VIS 0° (425-675nm)	N-BK7	#33-390	S\$67.90 Volume Pricing	4 In Stock

12.00	28.75	30.00	VIS 0° (425-675nm)	N-BK7	#47-361	S\$67.90 Volume Pricing	Contact Us
12.00	34.90	36.00	VIS 0° (425-675nm)	N-BK7	#47-362	S\$67.90 Volume Pricing	20+ In Stock
12.00	47.09	48.00	VIS 0° (425-675nm)	N-BK7	#47-363	S\$67.90 Volume Pricing	10 In Stock
12.00	71.07	72.00	VIS 0° (425-675nm)	N-BK7	#47-364	S\$67.90 Volume Pricing	Contact Us
15.00	13.68	15.00	VIS 0° (425-675nm)	N-SF11	#47-897	S\$69.65 Volume Pricing	20+ In Stock
15.00	18.99	20.00	VIS 0° (425-675nm)	N-SF11	#63-607	S\$67.90 Volume Pricing	6 In Stock
15.00	21.29	22.50	VIS 0° (425-675nm)	N-SF11	#47-898	S\$67.90 Volume Pricing	8 In Stock
15.00	23.82	25.00	VIS 0° (425-675nm)	N-BK7	#63-608	S\$67.90 Volume Pricing	Contact Us
15.00	28.82	30.00	VIS 0° (425-675nm)	N-BK7	#47-899	S\$67.90 Volume Pricing	2 In Stock
15.00	44.00	45.00	VIS 0° (425-675nm)	N-BK7	#63-609	S\$67.90 Volume Pricing	Contact Us
15.00	49.00	50.00	VIS 0° (425-675nm)	N-BK7	#47-900	S\$67.90 Volume Pricing	3 In Stock
15.00	59.00	60.00	VIS 0° (425-675nm)	N-BK7	#63-610	S\$67.90 Volume Pricing	Contact Us
18.00	16.69	18.00	VIS 0° (425-675nm)	N-SF11	#63-611	S\$69.65 Volume Pricing	20+ In Stock
18.00	25.25	27.00	VIS 0° (425-675nm)	N-BK7	#47-901	S\$69.65 Volume Pricing	20+ In Stock
18.00	34.59	36.00	VIS 0° (425-675nm)	N-BK7	#47-902	S\$69.65 Volume Pricing	14 In Stock
20.00	18.55	20.00	VIS 0° (425-675nm)	N-SF11	#63-614	S\$70.70 Volume Pricing	20+ In Stock
20.00	23.86	25.00	VIS 0° (425-675nm)	N-SF11	#63-615	S\$70.70 Volume Pricing	Contact Us
20.00	28.20	30.00	VIS 0° (425-675nm)	N-BK7	#47-903	S\$70.70 Volume Pricing	Contact Us
20.00	38.44	40.00	VIS 0° (425-675nm)	N-BK7	#47-904	S\$70.70 Volume Pricing	20+ In Stock

20.00	48.84	50.00	VIS 0° (425-675nm)	N-BK7	#63-616	S\$70.70 Volume Pricing	Contact Us
20.00	58.67	60.00	VIS 0° (425-675nm)	N-BK7	#63-617	S\$70.70 Volume Pricing	6 In Stock
20.00	78.67	80.00	VIS 0° (425-675nm)	N-BK7	#63-618	S\$70.70 Volume Pricing	9 In Stock
25.00	22.47	25.00	VIS 0° (425-675nm)	N-SF5	#47-365	S\$71.40 Volume Pricing	20+ In Stock
25.00	28.31	30.00	VIS 0° (425-675nm)	N-SF5	#63-619	S\$70.70 Volume Pricing	7 In Stock
25.00	32.81	35.00	VIS 0° (425-675nm)	N-BK7	#47-366	S\$70.70 Volume Pricing	20+ In Stock
25.00	38.21	40.00	VIS 0° (425-675nm)	N-BK7	#47-367	S\$70.70 Volume Pricing	14 In Stock
25.00	48.29	50.00	VIS 0° (425-675nm)	N-BK7	#47-368	S\$70.70 Volume Pricing	20+ In Stock
25.00	73.84	75.00	VIS 0° (425-675nm)	N-BK7	#47-369	S\$70.70 Volume Pricing	20+ In Stock
25.00	98.95	100.00	VIS 0° (425-675nm)	N-BK7	#47-370	S\$70.70 Volume Pricing	20+ In Stock
25.00	123.84	125.00	VIS 0° (425-675nm)	N-BK7	#47-371	S\$70.70 Volume Pricing	13 In Stock
25.00	148.88	150.00	VIS 0° (425-675nm)	N-BK7	#47-372	S\$70.70 Volume Pricing	20+ In Stock
25.00	173.94	175.00	VIS 0° (425-675nm)	N-BK7	#47-373	S\$70.70 Volume Pricing	5 In Stock
25.00	198.35	200.00	VIS 0° (425-675nm)	N-BK7	#33-396	S\$70.70 Volume Pricing	8 In Stock
30.00	28.12	30.00	VIS 0° (425-675nm)	N-SF11	#63-620	S\$90.30 Volume Pricing	20+ In Stock
30.00	47.82	50.00	VIS 0° (425-675nm)	N-BK7	#48-253	S\$88.90 Volume Pricing	20+ In Stock
30.00	58.33	60.00	VIS 0° (425-675nm)	N-BK7	#63-621	S\$88.90 Volume Pricing	Contact Us
30.00	73.35	75.00	VIS 0° (425-675nm)	N-BK7	#48-254	S\$88.90 Volume Pricing	5 In Stock
30.00	98.34	100.00	VIS 0° (425-675nm)	N-BK7	#63-622	S\$88.90 Volume Pricing	Contact Us

30.00	118.34	120.00	VIS 0° (425-675nm)	N-BK7	#63-623	S\$88.90 Volume Pricing	2 In Stock
40.00	37.54	40.00	VIS 0° (425-675nm)	N-SF11	#63-624	S\$99.40 Volume Pricing	3 In Stock
40.00	57.10	60.00	VIS 0° (425-675nm)	N-BK7	#48-255	S\$99.40 Volume Pricing	2 In Stock
40.00	77.32	80.00	VIS 0° (425-675nm)	N-BK7	#33-421	S\$99.40 Volume Pricing	Contact Us
40.00	97.33	100.00	VIS 0° (425-675nm)	N-BK7	#33-408	S\$99.40 Volume Pricing	6 In Stock
40.00	117.67	120.00	VIS 0° (425-675nm)	N-BK7	#63-625	S\$99.40 Volume Pricing	5 In Stock
40.00	197.35	200.00	VIS 0° (425-675nm)	N-BK7	#33-414	S\$99.40 Volume Pricing	4 In Stock
50.00	45.30	50.00	VIS 0° (425-675nm)	N-SF11	#48-260	S\$105.00 Volume Pricing	5 In Stock
50.00	96.65	100.00	VIS 0° (425-675nm)	N-BK7	#48-261	S\$105.00 Volume Pricing	9 In Stock
50.00	147.00	150.00	VIS 0° (425-675nm)	N-BK7	#48-262	S\$105.00 Volume Pricing	5 In Stock
50.00	198.33	200.00	VIS 0° (425-675nm)	N-BK7	#48-263	S\$105.00 Volume Pricing	8 In Stock
50.00	248.37	250.00	VIS 0° (425-675nm)	N-BK7	#48-264	S\$105.00 Volume Pricing	5 In Stock



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Phone: 1-800-363-1992 :

www.edmundoptics.com