

[All Products](#) / [Optics](#) / [Optical Lenses](#) / [Achromatic Lenses](#)

TECHSPEC® VIS-NIR Coated Achromatic Lenses



- Designed for 0° Angle of Incidence
- Less Than 0.25% Reflectance Per Surface @ 880nm
- [MgF₂](#) and [VIS 0°](#) Coated Achromats Also Available

Common Specifications

Physical & Mechanical Properties

Bevel: Protective as needed

Optical Properties

Focal Length Tolerance
(%): ± 1

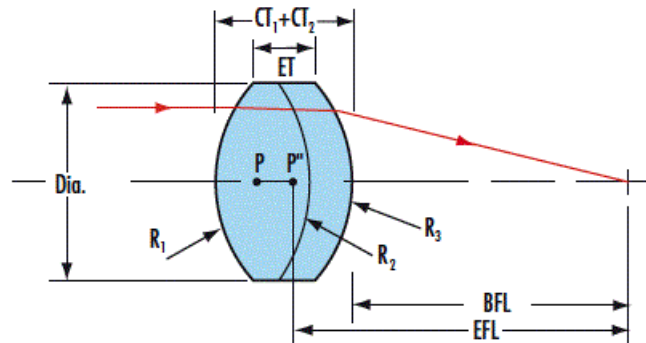
Focal Length
Specification
Wavelength (nm): 587.6

Coating: VIS-NIR (400-1000nm)

Power (P-V) @ 632.8nm: 1.5λ

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

Technical Information



Products

Dia. (mm)	EFL (mm)	BFL (mm)	Substrate	Coating	Stock Number	Price	Buy
2.00	3.00	1.89	N-PSK53A / N-LASF9	VIS-NIR (400-1000nm)	#84-127	£227.20 Volume Pricing	20+ In Stock
2.00	4.00	2.92	N-PSK53A / N-LASF9	VIS-NIR (400-1000nm)	#84-128	£227.20 Volume Pricing	Contact Us
4.00	6.00	3.92	N-BAF10 / N-SF10	VIS-NIR (400-1000nm)	#63-714	£99.20 Volume Pricing	20+ In Stock
5.00	10.00	8.56	N-BAF10 / N-SF10	VIS-NIR (400-1000nm)	#49-300	£77.60 Volume Pricing	20+ In Stock
5.00	12.50	10.89	N-SSK8 / N-SF56	VIS-NIR (400-1000nm)	#49-947	£77.60 Volume Pricing	20+ In Stock
5.00	15.00	13.64	N-BAF10 / N-SF10	VIS-NIR (400-1000nm)	#49-301	£77.60 Volume Pricing	20+ In Stock
5.00	20.00	18.60	N-BAF10 / N-SF10	VIS-NIR (400-1000nm)	#49-302	£77.60 Volume Pricing	9 In Stock
6.25	7.50	4.45	N-BAF10 / N-SF57	VIS-NIR (400-1000nm)	#49-948	£64.80 Volume Pricing	20+ In Stock
6.25	10.00	7.83	N-BAF10 / N-SF10	VIS-NIR (400-1000nm)	#49-303	£64.80 Volume Pricing	20+ In Stock
6.25	12.50	10.36	N-BAF10 / N-SF10	VIS-NIR (400-1000nm)	#49-304	£64.80 Volume Pricing	20+ In Stock
6.25	15.00	12.73	N-SSK8 / N-SF10	VIS-NIR (400-1000nm)	#49-305	£64.80 Volume Pricing	20+ In Stock
6.25	17.50	15.46	N-SSK8 / N-SF56	VIS-NIR (400-1000nm)	#49-949	£64.80 Volume Pricing	5 In Stock

6.25	20.00	18.23	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-306	£64.80 Volume Pricing	20+ In Stock
6.25	25.00	23.45	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-307	£64.80 Volume Pricing	20+ In Stock
6.25	30.00	28.43	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-308	£64.80 Volume Pricing	20+ In Stock
6.25	35.00	33.59	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-309	£64.80 Volume Pricing	3 In Stock
6.25	40.00	38.46	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-310	£64.80 Volume Pricing	20+ In Stock
6.25	50.00	48.61	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-311	£64.80 Volume Pricing	12 In Stock
6.25	60.00	58.46	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-312	£64.80 Volume Pricing	7 In Stock
9.00	12.00	8.33	N-BAF10 / N-SF57	VIS-NIR (400-1000nm)	#49-313	£68.00 Volume Pricing	20+ In Stock
9.00	15.00	12.08	N-BAF10 / N-SF6	VIS-NIR (400-1000nm)	#49-950	£68.00 Volume Pricing	20+ In Stock
9.00	18.00	14.91	N-BAF10 / N-SF10	VIS-NIR (400-1000nm)	#49-314	£68.00 Volume Pricing	17 In Stock
9.00	22.50	20.21	N-SSK8 / N-SF56	VIS-NIR (400-1000nm)	#49-951	£68.00 Volume Pricing	20+ In Stock
9.00	27.00	24.22	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-315	£68.00 Volume Pricing	20+ In Stock
9.00	36.00	34.17	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-316	£68.00 Volume Pricing	20+ In Stock
9.00	40.00	37.54	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-317	£68.00 Volume Pricing	20+ In Stock

9.00	45.00	42.97	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-318	£68.00 Volume Pricing	20+ In Stock
9.00	60.00	57.59	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-319	£68.00 Volume Pricing	20+ In Stock
9.00	75.00	72.35	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-320	£68.00 Volume Pricing	20+ In Stock
10.00	15.00	10.66	N-BAF10 / N-SF10	VIS-NIR (400-1000nm)	#63-717	£69.60 Volume Pricing	20+ In Stock
10.00	20.00	17.24	N-BAF10 / N-SF10	VIS-NIR (400-1000nm)	#63-718	£69.60 Volume Pricing	20+ In Stock
10.00	25.00	22.60	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#63-719	£69.60 Volume Pricing	20+ In Stock
10.00	30.00	27.47	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#63-720	£69.60 Volume Pricing	20+ In Stock
10.00	40.00	37.79	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#63-721	£69.60 Volume Pricing	20+ In Stock
10.00	50.00	47.45	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#63-722	£69.60 Volume Pricing	20+ In Stock
10.00	100.00	98.16	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#63-723	£69.60 Volume Pricing	20+ In Stock
12.50	14.00	9.92	N-BAF10 / N-SF5	VIS-NIR (400-1000nm)	#49-321	£77.20 Volume Pricing	20+ In Stock
12.50	15.00	10.82	N-LAK22 / N-SF6	VIS-NIR (400-1000nm)	#63-724	£77.20 Volume Pricing	20+ In Stock
12.50	17.50	13.59	N-BAF10 / N-SF57	VIS-NIR (400-1000nm)	#49-952	£77.20 Volume Pricing	20+ In Stock
12.50	20.00	16.45	S-BAH11 / N-SF10	VIS-NIR (400-1000nm)	#49-322	£77.20 Volume Pricing	Contact Us

12.50	25.00	21.47	N-BAF10 / N-SF10	VIS-NIR (400-1000nm)	#49-323	£77.20 Volume Pricing	20+ In Stock
12.50	30.00	26.12	N-SSK8 / N-SF10	VIS-NIR (400-1000nm)	#49-324	£77.20 Volume Pricing	4 In Stock
12.50	35.00	32.50	N-SK11 / N-SF5	VIS-NIR (400-1000nm)	#49-325	£77.20 Volume Pricing	20+ In Stock
12.50	40.00	37.54	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-326	£77.20 Volume Pricing	20+ In Stock
12.50	45.00	42.52	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-327	£77.20 Volume Pricing	15 In Stock
12.50	50.00	47.61	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-328	£77.20 Volume Pricing	20+ In Stock
12.50	60.00	57.59	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-329	£77.20 Volume Pricing	20+ In Stock
12.50	75.00	72.35	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-330	£77.20 Volume Pricing	20+ In Stock
12.50	80.00	78.40	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-331	£77.20 Volume Pricing	7 In Stock
12.50	90.00	88.47	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-332	£77.20 Volume Pricing	20+ In Stock
12.50	100.00	97.92	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-333	£77.20 Volume Pricing	Contact Us
12.70	15.00	10.56	N-BAF10 / N-SF57	VIS-NIR (400-1000nm)	#49-784	£77.20 Volume Pricing	11 In Stock
12.70	19.10	15.38	N-BAF10 / N-SF6	VIS-NIR (400-1000nm)	#49-785	£77.20 Volume Pricing	20+ In Stock
12.70	25.40	22.45	N-SSK8 / N-SF56	VIS-NIR (400-1000nm)	#49-786	£77.20 Volume Pricing	20+ In Stock

12.70	31.75	28.83	N-SSK8 / N-SF56	VIS-NIR (400-1000nm)	#49-787	£77.20 Volume Pricing	20+ In Stock
12.70	38.10	35.57	N-SSK8 / N-SF56	VIS-NIR (400-1000nm)	#49-788	£77.20 Volume Pricing	20+ In Stock
12.70	50.80	48.86	N-BAK1 / N-SF15	VIS-NIR (400-1000nm)	#49-790	£77.20 Volume Pricing	16 In Stock
12.70	125.00	121.95	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#83-417	£77.20 Volume Pricing	4 In Stock
15.00	20.00	15.34	N-BAF10 / N-SF57	VIS-NIR (400-1000nm)	#49-953	£91.20 Volume Pricing	10 In Stock
15.00	25.00	20.98	S-BAH11 / N-SF10	VIS-NIR (400-1000nm)	#49-334	£91.20 Volume Pricing	20+ In Stock
15.00	30.00	25.78	N-BAF10 / N-SF10	VIS-NIR (400-1000nm)	#49-335	£91.20 Volume Pricing	8 In Stock
15.00	40.00	35.63	N-BAF10 / N-SF10	VIS-NIR (400-1000nm)	#49-336	£91.20 Volume Pricing	20+ In Stock
15.00	50.00	46.17	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-337	£91.20 Volume Pricing	20+ In Stock
15.00	60.00	57.48	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-954	£91.20 Volume Pricing	20+ In Stock
15.00	75.00	70.78	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-338	£91.20 Volume Pricing	20+ In Stock
18.00	22.50	16.39	N-BAF10 / N-SF57	VIS-NIR (400-1000nm)	#49-955	£92.00 Volume Pricing	20+ In Stock
18.00	27.00	21.74	N-BAF10 / N-SF10	VIS-NIR (400-1000nm)	#49-339	£92.00 Volume Pricing	20+ In Stock
18.00	30.00	24.97	N-BAF10 / N-SF10	VIS-NIR (400-1000nm)	#49-340	£92.00 Volume Pricing	20+ In Stock

18.00	35.00	30.72	N-BAF10 / N-SF10	VIS-NIR (400-1000nm)	#49-341	£92.00 Volume Pricing	20+ In Stock
18.00	40.00	35.63	N-BAF10 / N-SF10	VIS-NIR (400-1000nm)	#49-342	£92.00 Volume Pricing	20+ In Stock
18.00	50.00	45.24	N-SSK8 / N-SF10	VIS-NIR (400-1000nm)	#49-343	£92.00 Volume Pricing	20+ In Stock
18.00	60.00	56.79	N-BAF10 / N-SF10	VIS-NIR (400-1000nm)	#49-344	£92.00 Volume Pricing	20+ In Stock
18.00	75.00	72.15	N-BAF10 / N-SF10	VIS-NIR (400-1000nm)	#49-345	£92.00 Volume Pricing	20+ In Stock
18.00	80.00	76.52	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-346	£92.00 Volume Pricing	20+ In Stock
18.00	125.00	121.95	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-347	£92.00 Volume Pricing	1 In Stock
20.00	25.00	18.71	N-BAF10 / N-SF6	VIS-NIR (400-1000nm)	#49-956	£94.40 Volume Pricing	20+ In Stock
20.00	30.00	24.70	S-BAH11 / N-SF10	VIS-NIR (400-1000nm)	#49-348	£94.40 Volume Pricing	20+ In Stock
20.00	35.00	29.90	S-BAH11 / N-SF10	VIS-NIR (400-1000nm)	#49-349	£94.40 Volume Pricing	12 In Stock
20.00	40.00	34.40	N-BAF10 / N-SF10	VIS-NIR (400-1000nm)	#49-350	£94.40 Volume Pricing	20+ In Stock
20.00	50.00	46.93	N-SSK8 / N-SF56	VIS-NIR (400-1000nm)	#49-957	£94.40 Volume Pricing	20+ In Stock
20.00	60.00	56.51	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-351	£94.40 Volume Pricing	20+ In Stock
20.00	80.00	77.26	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-958	£93.60 Volume Pricing	20+ In Stock

25.00	30.00	22.23	N-BAF10 / N-SF10	VIS-NIR (400-1000nm)	#49-352	£110.40 Volume Pricing	20+ In Stock
25.00	35.00	27.55	S-BAH11 / N-SF10	VIS-NIR (400-1000nm)	#49-353	£110.40 Volume Pricing	20+ In Stock
25.00	40.00	33.26	S-BAH11 / N-SF10	VIS-NIR (400-1000nm)	#49-354	£108.80 Volume Pricing	Contact Us
25.00	45.00	39.28	N-SK11 / N-SF5	VIS-NIR (400-1000nm)	#49-355	£108.80 Volume Pricing	16 In Stock
25.00	50.00	43.53	N-BAF10 / N-SF10	VIS-NIR (400-1000nm)	#49-356	£108.80 Volume Pricing	20+ In Stock
25.00	60.00	52.23	N-SSK8 / N-SF10	VIS-NIR (400-1000nm)	#49-357	£108.80 Volume Pricing	20+ In Stock
25.00	75.00	70.39	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-358	£108.80 Volume Pricing	7 In Stock
25.00	85.00	81.21	N-SK11 / N-SF5	VIS-NIR (400-1000nm)	#49-359	£108.80 Volume Pricing	20+ In Stock
25.00	100.00	95.92	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-360	£108.80 Volume Pricing	20+ In Stock
25.00	125.00	120.89	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-361	£108.80 Volume Pricing	20+ In Stock
25.00	150.00	146.10	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-362	£108.80 Volume Pricing	13 In Stock
25.00	160.00	157.87	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#67-334	£108.80 Volume Pricing	16 In Stock
25.00	175.00	170.84	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-363	£108.80 Volume Pricing	20+ In Stock
25.00	200.00	194.14	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-364	£108.80 Volume Pricing	20+ In Stock

25.00	225.00	222.69	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-365	£108.80 Volume Pricing	4 In Stock
25.00	250.00	246.63	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-366	£108.80 Volume Pricing	20+ In Stock
25.00	275.00	271.60	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-367	£108.80 Volume Pricing	20+ In Stock
25.00	300.00	297.73	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-368	£108.80 Volume Pricing	20+ In Stock
25.00	400.00	397.84	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-369	£108.80 Volume Pricing	20+ In Stock
25.00	500.00	497.57	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-370	£108.80 Volume Pricing	20+ In Stock
25.00	750.00	746.47	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#67-335	£108.80 Volume Pricing	16 In Stock
25.40	38.10	30.77	N-BAF10 / N-SF6	VIS-NIR (400-1000nm)	#49-791	£108.80 Volume Pricing	20+ In Stock
25.40	50.80	44.90	N-SSK8 / N-SF56	VIS-NIR (400-1000nm)	#49-792	£108.80 Volume Pricing	20+ In Stock
25.40	63.50	57.67	N-SSK8 / N-SF56	VIS-NIR (400-1000nm)	#49-793	£108.80 Volume Pricing	20+ In Stock
25.40	76.20	71.14	N-SSK8 / N-SF56	VIS-NIR (400-1000nm)	#49-794	£108.80 Volume Pricing	10 In Stock
25.40	88.90	83.96	N-BAK1 / N-SF8	VIS-NIR (400-1000nm)	#49-795	£108.80 Volume Pricing	7 In Stock
25.40	101.60	97.72	N-BAK1 / N-SF15	VIS-NIR (400-1000nm)	#49-796	£108.80 Volume Pricing	Contact Us
30.00	40.00	31.14	N-BAF10 / N-SF57	VIS-NIR (400-1000nm)	#33-923	£132.80 Volume Pricing	17 In Stock

30.00	50.00	42.57	N-BAF10 / N-SF10	VIS-NIR (400-1000nm)	#49-371	£132.80 Volume Pricing	2 In Stock
30.00	60.00	52.50	N-SSK8 / N-SF10	VIS-NIR (400-1000nm)	#49-372	£132.80 Volume Pricing	15 In Stock
30.00	75.00	67.44	N-SSK8 / N-SF10	VIS-NIR (400-1000nm)	#49-373	£132.80 Volume Pricing	14 In Stock
30.00	100.00	94.54	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-374	£132.80 Volume Pricing	20+ In Stock
30.00	125.00	121.32	N-SK11 / N-SF5	VIS-NIR (400-1000nm)	#49-375	£132.80 Volume Pricing	20+ In Stock
30.00	150.00	144.63	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-376	£132.80 Volume Pricing	11 In Stock
30.00	200.00	196.57	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-377	£132.80 Volume Pricing	8 In Stock
30.00	300.00	296.85	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-378	£132.80 Volume Pricing	20+ In Stock
40.00	50.00	34.46	N-SK11 / N-SF5	VIS-NIR (400-1000nm)	#89-683	£165.60 Volume Pricing	20+ In Stock
40.00	60.00	50.29	N-SK11 / N-SF5	VIS-NIR (400-1000nm)	#49-379	£165.60 Volume Pricing	20+ In Stock
40.00	80.00	70.75	N-BAF10 / N-SF10	VIS-NIR (400-1000nm)	#49-380	£165.60 Volume Pricing	20+ In Stock
40.00	100.00	91.24	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#63-725	£165.60 Volume Pricing	14 In Stock
40.00	120.00	111.00	N-SSK8 / N-SF10	VIS-NIR (400-1000nm)	#49-381	£165.60 Volume Pricing	6 In Stock
40.00	160.00	154.10	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-382	£165.60 Volume Pricing	20+ In Stock

40.00	200.00	194.21	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-383	£165.60 Volume Pricing	Contact Us
40.00	250.00	244.32	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-384	£165.60 Volume Pricing	20+ In Stock
40.00	300.00	293.63	N-BAK4 / N-SF10	VIS-NIR (400-1000nm)	#49-385	£165.60 Volume Pricing	16 In Stock
40.00	400.00	394.33	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-386	£165.60 Volume Pricing	15 In Stock
40.00	450.00	445.69	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-387	£165.60 Volume Pricing	20+ In Stock
40.00	500.00	495.60	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-388	£165.60 Volume Pricing	20+ In Stock
40.00	750.00	744.37	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#67-336	£165.60 Volume Pricing	17 In Stock
50.00	75.00	61.17	N-BAF10 / N-SF10	VIS-NIR (400-1000nm)	#49-389	£181.60 Volume Pricing	20+ In Stock
50.00	100.00	89.94	N-BAF10 / N-SF10	VIS-NIR (400-1000nm)	#49-390	£178.40 Volume Pricing	20+ In Stock
50.00	150.00	143.17	N-BAK4 / N-SF10	VIS-NIR (400-1000nm)	#49-391	£178.40 Volume Pricing	20+ In Stock
50.00	200.00	194.45	N-BAK4 / N-SF10	VIS-NIR (400-1000nm)	#49-392	£178.40 Volume Pricing	20+ In Stock
50.00	250.00	243.41	N-BAK4 / N-SF10	VIS-NIR (400-1000nm)	#49-393	£178.40 Volume Pricing	8 In Stock
50.00	300.00	292.91	N-BAK4 / N-SF10	VIS-NIR (400-1000nm)	#49-394	£178.40 Volume Pricing	20+ In Stock
50.00	350.00	344.32	N-BAK4 / N-SF10	VIS-NIR (400-1000nm)	#49-395	£178.40 Volume Pricing	Contact Us

50.00	500.00	494.50	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#49-396	£178.40 Volume Pricing	20+ In Stock
75.00	100.00	78.32	N-BAF10 / N-SF57	VIS-NIR (400-1000nm)	#33-924	£322.40 Volume Pricing	20+ In Stock
75.00	150.00	126.46	N-BAK1 / N-SF8	VIS-NIR (400-1000nm)	#33-925	£322.40 Volume Pricing	20+ In Stock
75.00	200.00	187.69	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#88-596	£322.40 Volume Pricing	20+ In Stock
75.00	300.00	290.62	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#88-597	£322.40 Volume Pricing	20+ In Stock
75.00	400.00	392.1	N-BK7 / N-SF5	VIS-NIR (400-1000nm)	#88-598	£322.40 Volume Pricing	20+ In Stock



Copyright 2023 | Edmund Optics, Ltd Unit 1, Opus Avenue, Nether Poppleton, York, YO26 6BL, UK
Phone: 1-800-363-1992 :
www.edmundoptics.com