

[All Products](#) / [Optics](#) / [Optical Filters](#) / [Longpass Filters](#)

TECHSPEC®

High Performance OD 4.0 Longpass Filters

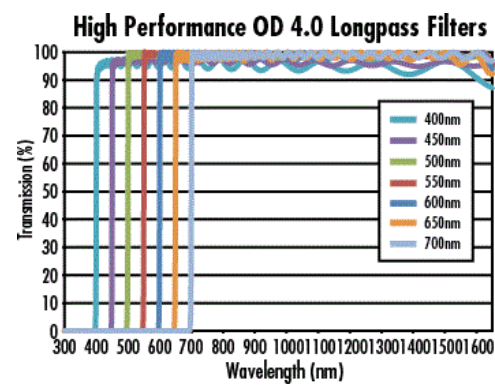


- Cut-On Slope <1%
- Rejection OD ≥ 4.0
- ≥91% Transmission in Pass Band
- Variety of [OD 4.0 Longpass Filter Kits](#) Available

Common Specifications

Physical & Mechanical Properties			
Clear Aperture (%):	>80	Physical Durability:	Adhesion per MIL-PRF-13830B, Section C.4.5.12 Moderate abrasion per MIL-PRF-13830B, Section C.4.5.11 Cleaning per MIL-C-48497A Section 4.5.4.2
Optical Properties			
Angle of Incidence (°):	0	Optical Density OD (Average):	≥4.0
Substrate:	Fused Silica (Corning 7980)	Coating:	Hard Coated
Surface Quality:	60-40	Transmitted Wavefront, RMS:	≤λ/4 @ 633nm (prior to coating)
Cut-On Tolerance (%):	±1	Coating Specification:	Surface 1: Hard Dielectric Sputtered Surface 2: AR Coated
Environmental & Durability Factors			
Environmental Durability:		Humidity per MIL-STD-810H, Section 507.6 Temperature per MIL-STD-810H, Section 501.7 and 502.7	

Technical Information



Products

Dia. (mm)	Cut-On Wavelength (nm)	Thickness (mm)	Rejection Wavelength (nm)	Transmission Wavelength (nm)	Wavelength Range (nm)	Stock Number	Price	Buy
12.50	325.00	1.50	200 - 315	333 - 1600	200 - 1600	#34-295	S\$287.00 Volume Pricing	2 In Stock
25.00	325.00	1.50	200 - 315	333 - 1600	200 - 1600	#34-296	S\$385.00 Volume Pricing	5 In Stock
50.00	325.00	1.50	200 - 315	333 - 1600	200 - 1600	#34-297	S\$812.00 Volume Pricing	5 In Stock
12.50	350.00	1.50	200 - 340	358 - 1600	200 - 1600	#34-298	S\$287.00 Volume Pricing	6 In Stock
25.00	350.00	1.50	200 - 340	358 - 1600	200 - 1600	#34-299	S\$385.00 Volume Pricing	4 In Stock
50.00	350.00	1.50	200 - 340	358 - 1600	200 - 1600	#34-300	S\$812.00 Volume Pricing	3 In Stock
12.50	375.00	1.50	200 - 365	383 - 1600	200 - 1600	#34-301	S\$287.00 Volume Pricing	17 In Stock
25.00	375.00	1.50	200 - 365	383 - 1600	200 - 1600	#34-302	S\$385.00 Volume Pricing	5 In Stock
50.00	375.00	1.50	200 - 365	383 - 1600	200 - 1600	#34-303	S\$812.00 Volume Pricing	3 In Stock
12.50	400.00	2.00	200 - 390	408 - 1650	200 - 1650	#62-974	S\$278.60 Volume Pricing	20+ In Stock
25.00	400.00	3.00	200 - 390	408 - 1650	200 - 1650	#62-981	S\$385.00 Volume Pricing	14 In Stock
50.00	400.00	5.00	200 - 390	408 - 1650	200 - 1650	#84-754	S\$791.00 Volume Pricing	6 In Stock
12.50	425.00	2.00	200 - 415	433 - 1650	200 - 1650	#84-736	S\$278.60 Volume Pricing	20+ In Stock
25.00	425.00	3.00	200 - 415	433 - 1650	200 - 1650	#84-742	S\$385.00 Volume Pricing	12 In Stock
50.00	425.00	5.00	200 - 415	433 - 1650	200 - 1650	#84-748	S\$791.00 Volume Pricing	5 In Stock
12.50	450.00	2.00	200 - 440	458 - 1650	200 - 1650	#62-975	S\$278.60 Volume Pricing	20+ In Stock
25.00	450.00	3.00	200 - 440	458 - 1650	200 - 1650	#62-982	S\$385.00 Volume Pricing	14 In Stock
50.00	450.00	5.00	200 - 440	458 - 1650	200 - 1650	#84-755	S\$791.00 Volume Pricing	6 In Stock
12.50	475.00	2.00	200 - 465	483 - 1650	200 - 1650	#84-737	S\$278.60 Volume Pricing	20+ In Stock
25.00	475.00	3.00	200 - 465	483 - 1650	200 - 1650	#84-743	S\$385.00 Volume Pricing	20+ In Stock

50.00	475.00	5.00	200 - 465	483 - 1650	200 - 1650	#84-749	S\$791.00 Volume Pricing	8 In Stock
12.50	500.00	2.00	200 - 490	508 - 1650	200 - 1650	#62-976	S\$278.60 Volume Pricing	Contact Us
25.00	500.00	3.00	200 - 490	508 - 1650	200 - 1650	#62-983	S\$385.00 Volume Pricing	20+ In Stock
50.00	500.00	5.00	200 - 490	508 - 1650	200 - 1650	#84-756	S\$791.00 Volume Pricing	4 In Stock
12.50	525.00	2.00	200 - 515	534 - 1650	200 - 1650	#84-738	S\$278.60 Volume Pricing	20+ In Stock
25.00	525.00	3.00	200 - 515	534 - 1650	200 - 1650	#84-744	S\$385.00 Volume Pricing	10 In Stock
50.00	525.00	5.00	200 - 515	534 - 1650	200 - 1650	#84-750	S\$791.00 Volume Pricing	8 In Stock
12.50	550.00	2.00	200 - 539	560 - 1650	200 - 1650	#62-977	S\$278.60 Volume Pricing	16 In Stock
25.00	550.00	3.00	200 - 539	560 - 1650	200 - 1650	#62-984	S\$385.00 Volume Pricing	5 In Stock
50.00	550.00	5.00	200 - 539	560 - 1650	200 - 1650	#84-757	S\$791.00 Volume Pricing	5 In Stock
12.50	575.00	2.00	200 - 564	585 - 1650	200 - 1650	#84-739	S\$278.60 Volume Pricing	11 In Stock
25.00	575.00	3.00	200 - 564	585 - 1650	200 - 1650	#84-745	S\$385.00 Volume Pricing	14 In Stock
50.00	575.00	5.00	200 - 564	585 - 1650	200 - 1650	#84-751	S\$791.00 Volume Pricing	9 In Stock
12.50	600.00	2.00	200 - 588	610 - 1650	200 - 1650	#62-978	S\$278.60 Volume Pricing	20+ In Stock
25.00	600.00	3.00	200 - 588	610 - 1650	200 - 1650	#62-985	S\$385.00 Volume Pricing	14 In Stock
50.00	600.00	5.00	200 - 588	610 - 1650	200 - 1650	#84-758	S\$791.00 Volume Pricing	4 In Stock
12.50	625.00	2.00	200 - 613	635 - 1650	200 - 1650	#84-740	S\$278.60 Volume Pricing	8 In Stock
25.00	625.00	3.00	200 - 613	635 - 1650	200 - 1650	#84-746	S\$385.00 Volume Pricing	8 In Stock
50.00	625.00	5.00	200 - 613	635 - 1650	200 - 1650	#84-752	S\$791.00 Volume Pricing	5 In Stock
12.50	650.00	2.00	200 - 637	660 - 1650	200 - 1650	#62-979	S\$278.60 Volume Pricing	20+ In Stock
25.00	650.00	3.00	200 - 637	660 - 1650	200 - 1650	#62-986	S\$385.00 Volume Pricing	15 In Stock
50.00	650.00	5.00	200 - 637	660 - 1650	200 - 1650	#84-759	S\$791.00 Volume Pricing	3 In Stock
12.50	675.00	2.00	200 - 662	685 - 1650	200 - 1650	#84-741	S\$278.60 Volume Pricing	10 In Stock
25.00	675.00	3.00	200 - 662	685 - 1650	200 - 1650	#84-747	S\$385.00 Volume Pricing	11 In Stock

50.00	675.00	5.00	200 - 662	685 - 1650	200 - 1650	#84-753	S\$791.00 Volume Pricing	Contact Us
12.50	700.00	2.00	200 - 686	710 - 1650	200 - 1650	#62-980	S\$278.60 Volume Pricing	20+ In Stock
25.00	700.00	3.00	200 - 686	710 - 1650	200 - 1650	#62-987	S\$385.00 Volume Pricing	6 In Stock
50.00	700.00	5.00	200 - 686	710 - 1650	200 - 1650	#84-760	S\$791.00 Volume Pricing	13 In Stock
12.50	725.00	2.00	200 - 705	735 - 1650	200 - 1650	#86-060	S\$287.00 Volume Pricing	20+ In Stock
25.00	725.00	3.00	200 - 705	735 - 1650	200 - 1650	#86-068	S\$392.00 Volume Pricing	20+ In Stock
50.00	725.00	5.00	200 - 705	735 - 1650	200 - 1650	#86-076	S\$812.00 Volume Pricing	12 In Stock
12.50	750.00	2.00	200 - 735	765 - 1650	200 - 1650	#66-226	S\$287.00 Volume Pricing	11 In Stock
25.00	750.00	3.00	200 - 735	765 - 1650	200 - 1650	#66-234	S\$392.00 Volume Pricing	14 In Stock
50.00	750.00	5.00	200 - 735	765 - 1650	200 - 1650	#84-761	S\$812.00 Volume Pricing	6 In Stock
12.50	775.00	2.00	200 - 760	790 - 1650	200 - 1650	#86-061	S\$287.00 Volume Pricing	16 In Stock
25.00	775.00	3.00	200 - 760	790 - 1650	200 - 1650	#86-069	S\$392.00 Volume Pricing	8 In Stock
50.00	775.00	5.00	200 - 760	790 - 1650	200 - 1650	#86-077	S\$812.00 Volume Pricing	6 In Stock
12.50	800.00	2.00	200 - 785	815 - 1650	200 - 1650	#66-227	S\$287.00 Volume Pricing	20+ In Stock
25.00	800.00	3.00	200 - 785	815 - 1650	200 - 1650	#66-235	S\$392.00 Volume Pricing	20+ In Stock
50.00	800.00	5.00	200 - 785	815 - 1650	200 - 1650	#84-762	S\$812.00 Volume Pricing	4 In Stock
12.50	825.00	2.00	200 - 805	840 - 1650	200 - 1650	#86-062	S\$287.00 Volume Pricing	20+ In Stock
25.00	825.00	3.00	200 - 805	840 - 1650	200 - 1650	#86-070	S\$392.00 Volume Pricing	20+ In Stock
50.00	825.00	5.00	200 - 805	840 - 1650	200 - 1650	#86-078	S\$812.00 Volume Pricing	6 In Stock
12.50	850.00	2.00	200 - 835	865 - 1650	200 - 1650	#66-228	S\$287.00 Volume Pricing	20+ In Stock
25.00	850.00	3.00	200 - 835	865 - 1650	200 - 1650	#66-236	S\$392.00 Volume Pricing	11 In Stock
50.00	850.00	5.00	200 - 835	865 - 1650	200 - 1650	#84-763	S\$812.00 Volume Pricing	4 In Stock
12.50	875.00	2.00	200 - 860	890 - 1650	200 - 1650	#86-063	S\$287.00 Volume Pricing	20+ In Stock

25.00	875.00	3.00	200 - 860	890 - 1650	200 - 1650	#86-071	S\$392.00 Volume Pricing	20+ In Stock
50.00	875.00	5.00	200 - 860	890 - 1650	200 - 1650	#86-079	S\$812.00 Volume Pricing	7 In Stock
12.50	900.00	2.00	200 - 880	915 - 1650	200 - 1650	#66-229	S\$287.00 Volume Pricing	20+ In Stock
25.00	900.00	3.00	200 - 880	915 - 1650	200 - 1650	#66-237	S\$392.00 Volume Pricing	20+ In Stock
50.00	900.00	5.00	200 - 880	915 - 1650	200 - 1650	#84-764	S\$812.00 Volume Pricing	3 In Stock
12.50	925.00	2.00	200 - 905	940 - 1650	200 - 1650	#86-064	S\$287.00 Volume Pricing	11 In Stock
25.00	925.00	3.00	200 - 905	940 - 1650	200 - 1650	#86-072	S\$392.00 Volume Pricing	10 In Stock
50.00	925.00	5.00	200 - 905	940 - 1650	200 - 1650	#86-080	S\$812.00 Volume Pricing	5 In Stock
12.50	950.00	2.00	200 - 930	965 - 1650	200 - 1650	#66-230	S\$287.00 Volume Pricing	12 In Stock
25.00	950.00	3.00	200 - 930	965 - 1650	200 - 1650	#66-238	S\$392.00 Volume Pricing	20+ In Stock
50.00	950.00	5.00	200 - 930	965 - 1650	200 - 1650	#84-765	S\$812.00 Volume Pricing	8 In Stock
12.50	975.00	2.00	200 - 955	990 - 1650	200 - 1650	#86-065	S\$287.00 Volume Pricing	2 In Stock
25.00	975.00	3.00	200 - 955	990 - 1650	200 - 1650	#86-073	S\$392.00 Volume Pricing	20+ In Stock
50.00	975.00	5.00	200 - 955	990 - 1650	200 - 1650	#86-081	S\$812.00 Volume Pricing	2 In Stock
12.50	1,000.00	2.00	200 - 980	1020 - 1650	200 - 1650	#66-231	S\$301.00 Volume Pricing	20+ In Stock
25.00	1,000.00	3.00	200 - 980	1020 - 1650	200 - 1650	#66-239	S\$399.00 Volume Pricing	14 In Stock
50.00	1,000.00	5.00	200 - 980	1020 - 1650	200 - 1650	#84-766	S\$826.00 Volume Pricing	7 In Stock
12.50	1,025.00	2.00	200 - 1005	1045 - 1650	200 - 1650	#86-066	S\$301.00 Volume Pricing	20+ In Stock
25.00	1,025.00	3.00	200 - 1005	1045 - 1650	200 - 1650	#86-074	S\$399.00 Volume Pricing	20+ In Stock
50.00	1,025.00	5.00	200 - 1005	1045 - 1650	200 - 1650	#86-082	S\$826.00 Volume Pricing	8 In Stock
12.50	1,050.00	2.00	200 - 1030	1070 - 1650	200 - 1650	#66-232	S\$301.00 Volume Pricing	20+ In Stock
25.00	1,050.00	3.00	200 - 1030	1070 - 1650	200 - 1650	#66-240	S\$399.00 Volume Pricing	20+ In Stock
50.00	1,050.00	5.00	200 - 1030	1070 - 1650	200 - 1650	#84-767	S\$826.00 Volume Pricing	9 In Stock
12.50	1,075.00	2.00	200 - 1055	1095 - 1650	200 - 1650	#86-067	S\$301.00 Volume Pricing	15 In Stock

25.00	1,075.00	3.00	200 - 1055	1095 - 1650	200 - 1650	#86-075	S\$399.00 Volume Pricing	17 In Stock
50.00	1,075.00	5.00	200 - 1055	1095 - 1650	200 - 1650	#86-083	S\$826.00 Volume Pricing	2 In Stock
12.50	1,100.00	2.00	200 - 1080	1120 - 1650	200 - 1650	#66-233	S\$301.00 Volume Pricing	15 In Stock
25.00	1,100.00	3.00	200 - 1080	1120 - 1650	200 - 1650	#66-241	S\$399.00 Volume Pricing	20+ In Stock
50.00	1,100.00	5.00	200 - 1080	1120 - 1650	200 - 1650	#84-768	S\$826.00 Volume Pricing	9 In Stock
12.50	1,150.00	3.00	200 - 1130	1170 - 1650	200 - 1650	#89-657	S\$301.00 Volume Pricing	Contact Us
25.00	1,150.00	3.00	200 - 1130	1170 - 1650	200 - 1650	#89-661	S\$399.00 Volume Pricing	12 In Stock
50.00	1,150.00	3.00	200 - 1130	1170 - 1650	200 - 1650	#89-665	S\$826.00 Volume Pricing	1 In Stock
12.50	1,200.00	3.00	200 - 1180	1220 - 1650	200 - 1650	#89-658	S\$301.00 Volume Pricing	3 In Stock
25.00	1,200.00	3.00	200 - 1180	1220 - 1650	200 - 1650	#89-662	S\$399.00 Volume Pricing	4 In Stock
50.00	1,200.00	3.00	200 - 1180	1220 - 1650	200 - 1650	#89-666	S\$826.00 Volume Pricing	1 In Stock
12.50	1,250.00	3.00	200 - 1230	1270 - 1650	200 - 1650	#89-659	S\$301.00 Volume Pricing	1 In Stock
25.00	1,250.00	3.00	200 - 1230	1270 - 1650	200 - 1650	#89-663	S\$399.00 Volume Pricing	14 In Stock
50.00	1,250.00	3.00	200 - 1230	1270 - 1650	200 - 1650	#89-667	S\$826.00 Volume Pricing	1 In Stock
12.50	1,300.00	3.00	200 - 1280	1320 - 1650	200 - 1650	#89-660	S\$301.00 Volume Pricing	13 In Stock
25.00	1,300.00	3.00	200 - 1280	1320 - 1650	200 - 1650	#89-664	S\$399.00 Volume Pricing	7 In Stock
50.00	1,300.00	3.00	200 - 1280	1320 - 1650	200 - 1650	#89-668	S\$826.00 Volume Pricing	7 In Stock



Copyright 2024, Edmund Optics Singapore Pte. Ltd, 18 Woodlands Loop #04-00, Singapore 738100

[PRIVACY POLICY](#) [COOKIE POLICY](#) [TERMS & CONDITIONS](#)

Phone: 1-800-363-1992 :

www.edmundoptics.com