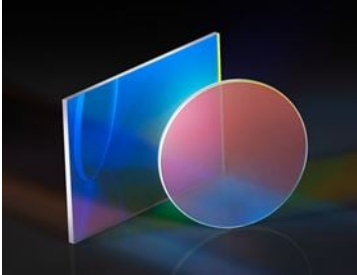


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TECHSPEC®

Fluorescence Dichroic Filters

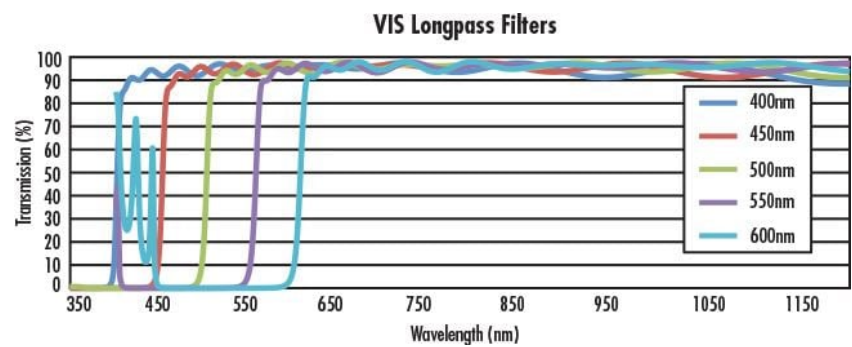
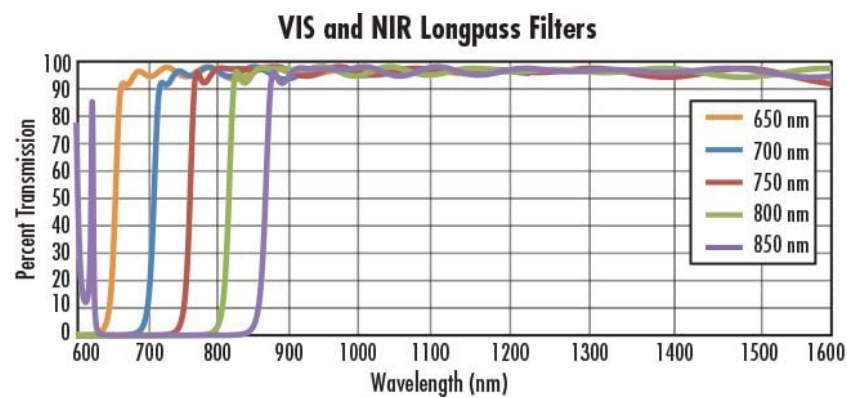
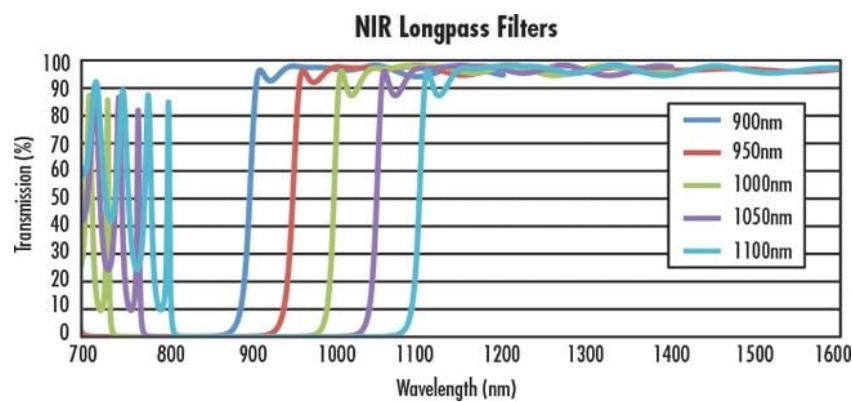


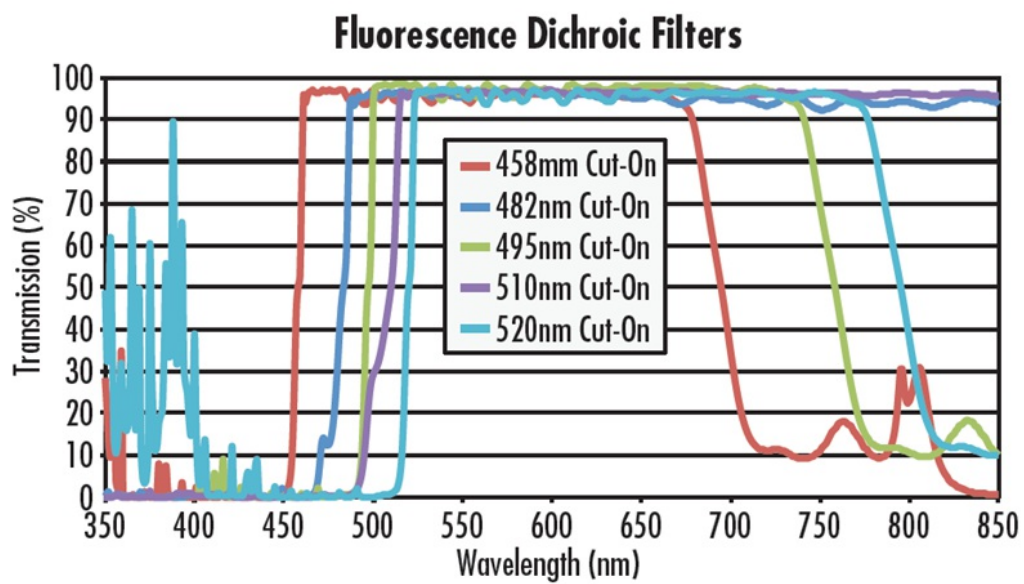
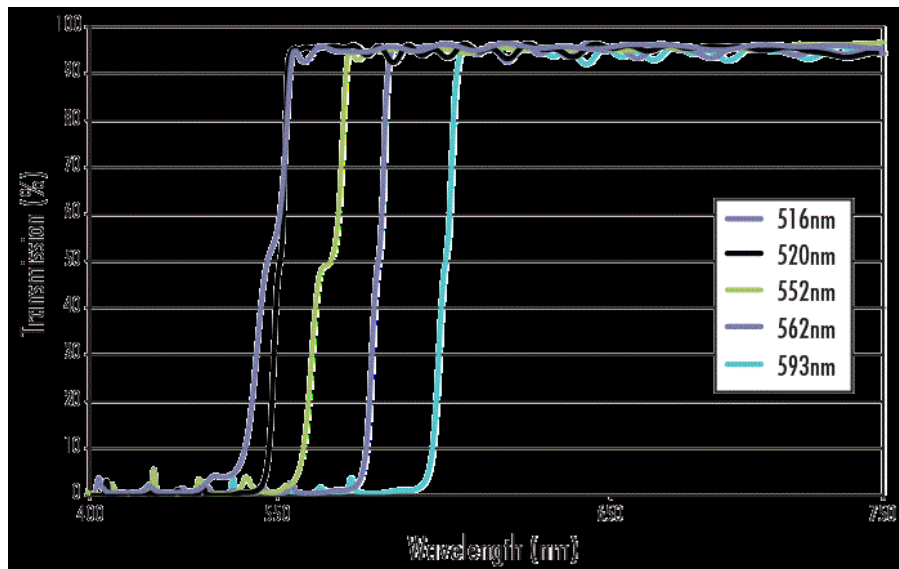
- Ideal for Fluorescence or Multispectral Imaging
- Sharp Transition from Reflection to Transmission
- Extended Reflection and Transmission Bands
- [High Performance Fluorescence Dichroic Filters](#) are also available

Common Specifications

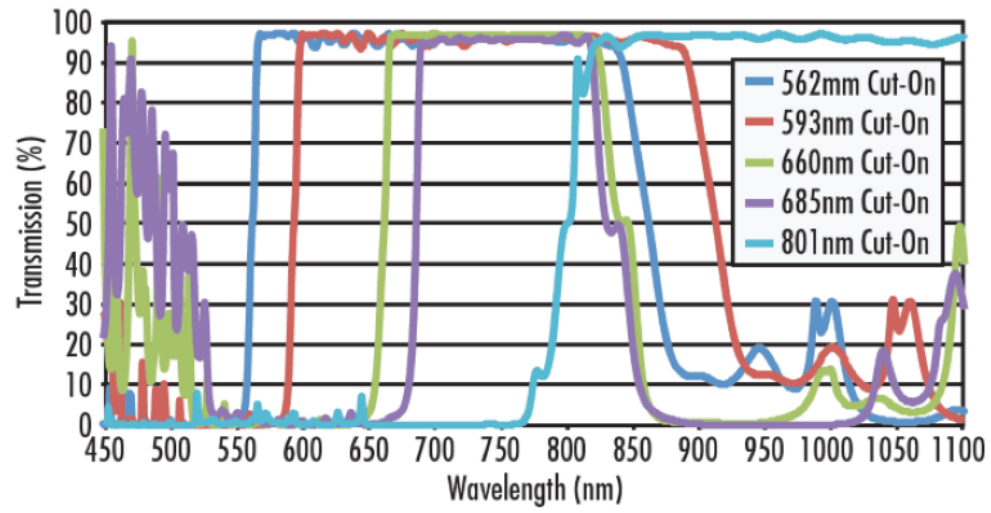
Physical & Mechanical Properties				
Thickness (mm):		1.05 ±0.1	Dimensional Tolerance (mm):	+0.0/-0.2
Physical Durability:		Adhesion per MIL-PRF-13830B, Section C.4.5.12 Moderate abrasion per MIL-PRF-13830B, Section C.4.5.11 Cleaning per MIL-C-48497A Section 4.5.4.2		
Optical Properties				
Angle of Incidence (°):		45		
Substrate:		Fused Silica (Corning 7980)		
Coating:		Hard Coated		
Reflection (%):		98.00 (average)		
Surface Quality:		60-40		
Transmission (%):		90.00 (average)		
Transmitted Wavefront, RMS:		1λ		
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





Fluorescence Dichroic Filters



Products

Dimensions (mm)	Dia. (mm)	Cut-On Wavelength (nm)	Thickness (mm)	Reflection Wavelength (nm)	Transmission Wavelength (nm)	Stock Number	Price	Buy
12.5 x 17.6	-	409.00	1.05	325 - 404	415 - 850	#86-316	£168.10 Volume Pricing	13 In Stock
25.2 x 35.6	-	409.00	1.05	325 - 404	415 - 850	#86-330	£220.63 Volume Pricing	4 In Stock
12.5 x 17.6	-	435.00	1.05	325 - 425	444 - 850	#87-055	£168.10 Volume Pricing	20+ In Stock
25.2 x 35.6	-	435.00	1.05	325 - 425	444 - 850	#87-063	£220.63 Volume Pricing	5 In Stock
12.5 x 17.6	-	458.00	1.05	415 - 450	467 - 600	#67-062	£168.10 Volume Pricing	1 In Stock
25.2 x 35.6	-	458.00	1.05	415 - 450	467 - 600	#67-078	£220.63 Volume Pricing	4 In Stock
12.5 x 17.6	-	482.00	1.05	350 - 470	490 - 850	#86-317	£168.10 Volume Pricing	20+ In Stock
25.2 x 35.6	-	482.00	1.05	350 - 470	490 - 850	#86-331	£220.63 Volume Pricing	10 In Stock
12.5 x 17.6	-	495.00	1.05	435 - 488	502 - 730	#67-063	£168.10 Volume Pricing	14 In Stock
25.2 x 35.6	-	495.00	1.05	435 - 488	502 - 730	#67-079	£220.63 Volume Pricing	2 In Stock
12.5 x 17.6	-	506.00	1.05	440 - 500	513 - 730	#67-064	£168.10 Volume Pricing	20+ In Stock
25.2 x 35.6	-	506.00	1.05	440 - 500	513 - 730	#67-080	£220.63 Volume Pricing	12 In Stock
12.5 x 17.6	-	510.00	1.05	350 - 488	515 - 850	#86-318	£168.10 Volume Pricing	7 In Stock
25.2 x 35.6	-	510.00	1.05	350 - 488	515 - 850	#86-332	£220.63 Volume Pricing	11 In Stock
12.5 x 17.6	-	516.00	1.05	350 - 510	520 - 850	#86-319	£168.10 Volume Pricing	14 In Stock
25.2 x 35.6	-	516.00	1.05	350 - 510	520 - 850	#86-333	£220.63 Volume Pricing	5 In Stock
12.5 x 17.6	-	520.00	1.05	475 - 512	528 - 730	#67-065	£168.10 Volume Pricing	20+ In Stock
25.2 x 35.6	-	520.00	1.05	475 - 512	528 - 730	#67-081	£220.63 Volume Pricing	6 In Stock
12.5 x 17.6	-	552.00	1.05	350 - 544	558 - 850	#86-320	£168.10 Volume Pricing	20+ In Stock
25.2 x 35.6	-	552.00	1.05	350 - 544	558 - 850	#86-334	£220.63 Volume Pricing	17 In Stock

[#67-058 Clearance](#)



Clearance

Availability
is limited,
so buy
before
these
products
disappear.
Sorry, we
cannot
accept
returns.
Receive
up to 80%
off select
products.

- 12.50 562.00 1.05 490 - 554 570 - 750 £63.04 2 In Stock

12.5 x 17.6	-	562.00	1.05	490 - 554	570 - 750	#67-066	£168.10 Volume Pricing	20+ In Stock
25.2 x 35.6	-	562.00	1.05	490 - 554	570 - 750	#67-082	£220.63 Volume Pricing	20+ In Stock
12.5 x 17.6	-	593.00	1.05	520 - 585	600 - 800	#67-067	£168.10 Volume Pricing	5 In Stock
25.2 x 35.6	-	593.00	1.05	520 - 585	600 - 800	#67-083	£220.63 Volume Pricing	12 In Stock
12.5 x 17.6	-	605.00	1.05	350 - 596	612 - 950	#86-321	£168.10 Volume Pricing	20+ In Stock
25.2 x 35.6	-	605.00	1.05	350 - 596	612 - 950	#86-335	£220.63 Volume Pricing	Contact Us
12.5 x 17.6	-	635.00	1.05	400 - 624	646 - 850	#87-056	£168.10 Volume Pricing	14 In Stock
25.2 x 35.6	-	635.00	1.05	400 - 624	646 - 850	#87-064	£220.63 Volume Pricing	3 In Stock
12.5 x 17.6	-	660.00	1.05	580 - 651	670 - 800	#67-068	£168.10 Volume Pricing	20+ In Stock
25.2 x 35.6	-	660.00	1.05	580 - 651	670 - 800	#67-084	£220.63 Volume Pricing	20+ In Stock

[#67-061 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

- 12.50 685.00 1.05 590 - 676 695 - 810 £78.80 20+ In Stock

 12.5 x 17.6 25.2 x 35.6	-	685.00	1.05	590 - 676	695 - 810	#67-069	£168.10 Volume Pricing	2 In Stock	
	-	735.00	1.05	590 - 676	695 - 810	#67-085	£220.63 Volume Pricing	3 In Stock	
	Copyright 2023 Edmund Optics, Ltd Unit 1, Opus Avenue, Nether Poppleton, York, YO26 6BL, UK								
	-	735.00	1.05	450 - 723	748 - 1100	#87-057	£176.85 Volume Pricing	4 In Stock	
	25.2 x 35.6	-	735.00	1.05	450 - 723	748 - 1100	#87-065	£230.26 Volume Pricing	16 In Stock
	12.5 x 17.6	-	757.00	1.05	450 - 744	770 - 1100	#87-058	£176.85 Volume Pricing	6 In Stock
	25.2 x 35.6	-	757.00	1.05	450 - 744	770 - 1100	#87-066	£230.26 Volume Pricing	5 In Stock
	12.5 x 17.6	-	801.00	1.05	450 - 790	814 - 1100	#86-322	£176.85 Volume Pricing	3 In Stock
25.2 x 35.6	-	801.00	1.05	450 - 790	814 - 1100	#86-336	£230.26 Volume Pricing	4 In Stock	

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