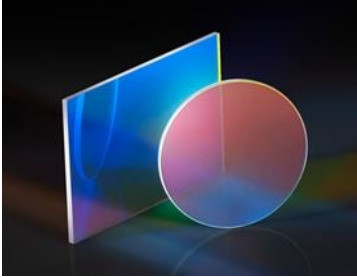


[All Products](#) / [Optics](#) / [Optical Filters](#) / [Longpass Filters](#)

TECHSPEC®

Fluorescence Dichroic Filters

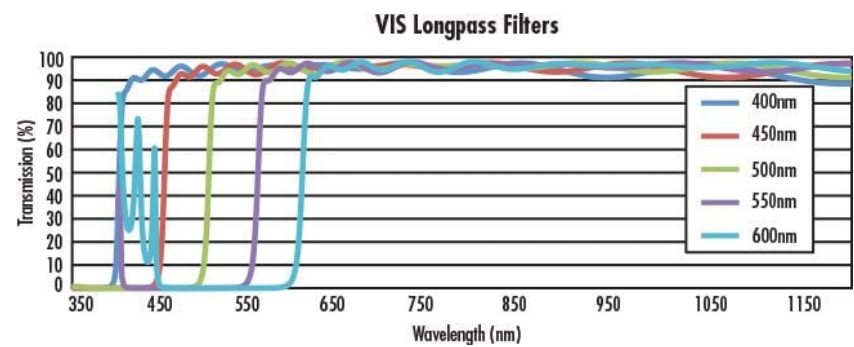
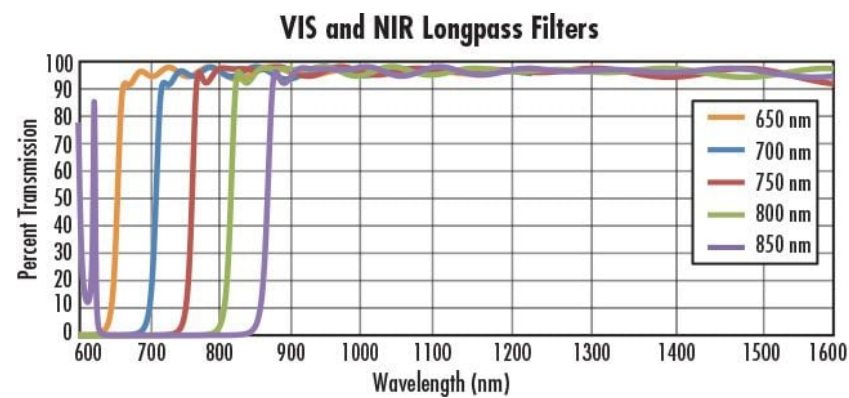
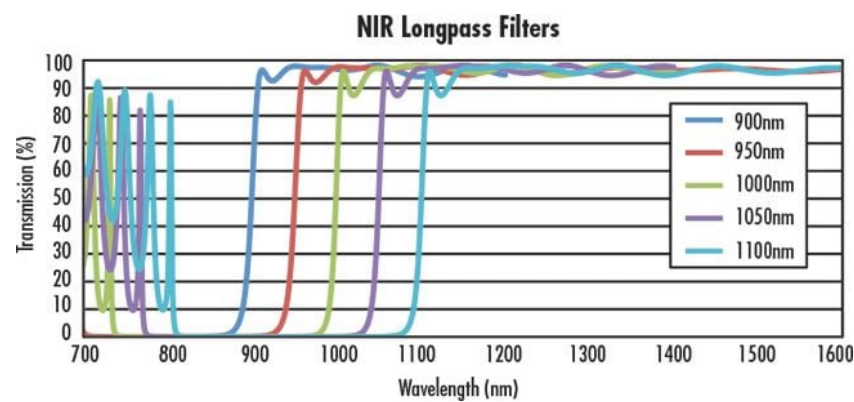


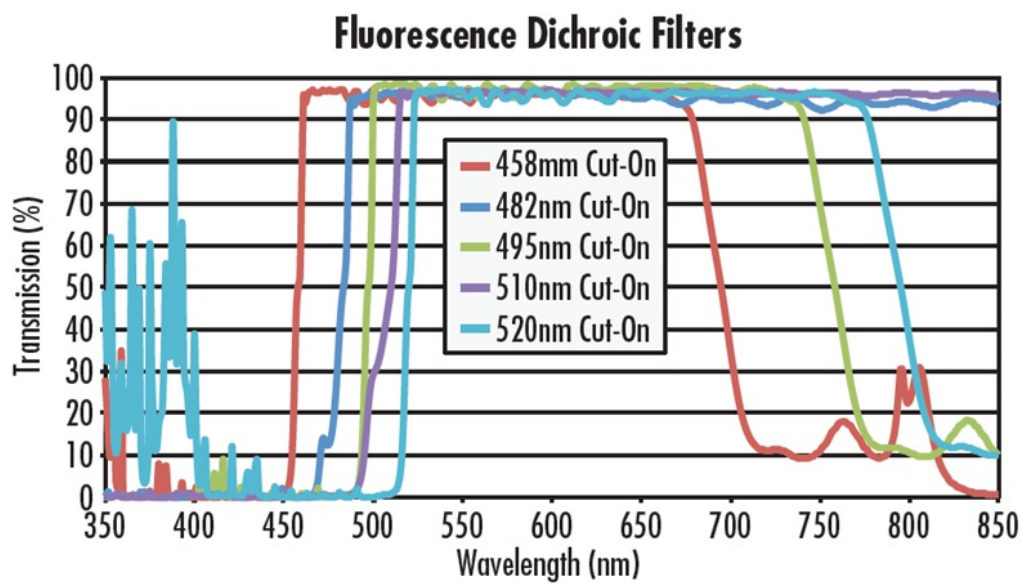
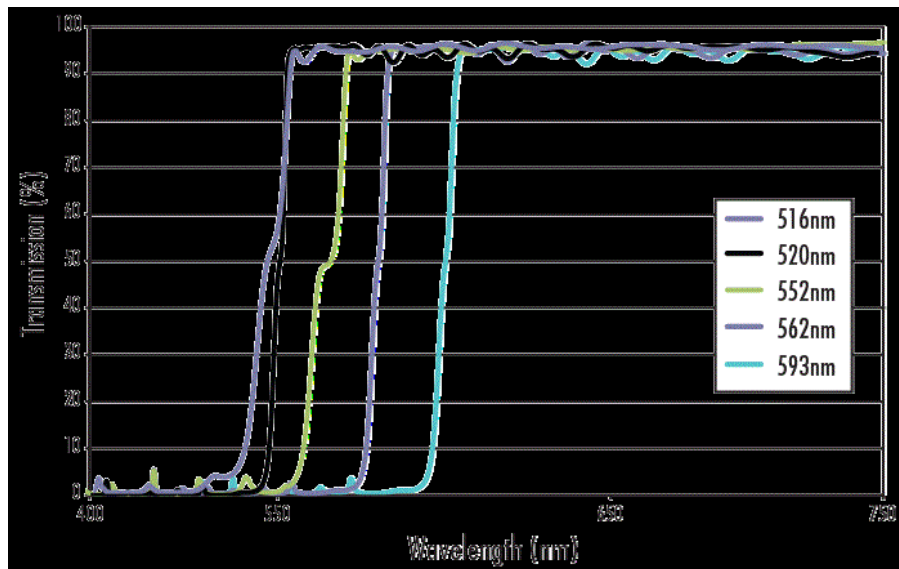
- Ideal for Fluorescence or Multispectral Imaging
- Sharp Transition from Reflection to Transmission
- Extended Reflection and Transmission Bands
- [High Performance Fluorescence Dichroic Filters](#) are also available

Common Specifications

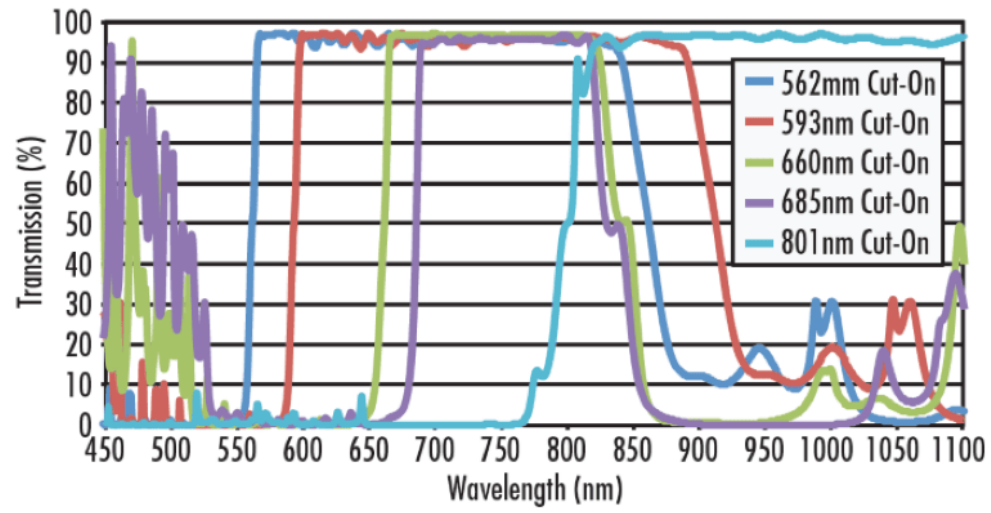
Physical & Mechanical Properties				
Thickness (mm):		1.05 ±0.1	Dimensional Tolerance (mm):	+0.0/-0.2
Physical Durability:		Adhesion per MIL-PRF-13830B, Section C.4.5.12 Moderate abrasion per MIL-PRF-13830B, Section C.4.5.11 Cleaning per MIL-C-48497A Section 4.5.4.2		
Optical Properties				
Angle of 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	₹14,947 Volume Pricing	15 In Stock
25.2 x 35.6	-	409.00	1.05	325 - 404	415 - 850	#86-330	₹19,618 Volume Pricing	3 In Stock
12.5 x 17.6	-	435.00	1.05	325 - 425	444 - 850	#87-055	₹14,947 Volume Pricing	3 In Stock
25.2 x 35.6	-	435.00	1.05	325 - 425	444 - 850	#87-063	₹19,618 Volume Pricing	2 In Stock
12.5 x 17.6	-	458.00	1.05	415 - 450	467 - 600	#67-062	₹14,947 Volume Pricing	1 In Stock
25.2 x 35.6	-	458.00	1.05	415 - 450	467 - 600	#67-078	₹19,618 Volume Pricing	4 In Stock
12.5 x 17.6	-	482.00	1.05	350 - 470	490 - 850	#86-317	₹14,947 Volume Pricing	20+ In Stock
25.2 x 35.6	-	482.00	1.05	350 - 470	490 - 850	#86-331	₹19,618 Volume Pricing	9 In Stock
12.5 x 17.6	-	495.00	1.05	435 - 488	502 - 730	#67-063	₹14,947 Volume Pricing	11 In Stock
25.2 x 35.6	-	495.00	1.05	435 - 488	502 - 730	#67-079	₹19,618 Volume Pricing	1 In Stock
12.5 x 17.6	-	506.00	1.05	440 - 500	513 - 730	#67-064	₹14,947 Volume Pricing	20+ In Stock
25.2 x 35.6	-	506.00	1.05	440 - 500	513 - 730	#67-080	₹19,618 Volume Pricing	9 In Stock
12.5 x 17.6	-	510.00	1.05	350 - 488	515 - 850	#86-318	₹14,947 Volume Pricing	7 In Stock
25.2 x 35.6	-	510.00	1.05	350 - 488	515 - 850	#86-332	₹19,618 Volume Pricing	10 In Stock
12.5 x 17.6	-	516.00	1.05	350 - 510	520 - 850	#86-319	₹14,947 Volume Pricing	5 In Stock
25.2 x 35.6	-	516.00	1.05	350 - 510	520 - 850	#86-333	₹19,618 Volume Pricing	5 In Stock
12.5 x 17.6	-	520.00	1.05	475 - 512	528 - 730	#67-065	₹14,947 Volume Pricing	20+ In Stock
25.2 x 35.6	-	520.00	1.05	475 - 512	528 - 730	#67-081	₹19,618 Volume Pricing	4 In Stock
12.5 x 17.6	-	552.00	1.05	350 - 544	558 - 850	#86-320	₹14,947 Volume Pricing	20+ In Stock
25.2 x 35.6	-	552.00	1.05	350 - 544	558 - 850	#86-334	₹19,618 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 ₹6,480 2 In Stock

12.5 x 17.6	-	562.00	1.05	490 - 554	570 - 750	#67-066	₹14,947 Volume Pricing	20+ In Stock
25.2 x 35.6	-	562.00	1.05	490 - 554	570 - 750	#67-082	₹19,618 Volume Pricing	20+ In Stock
12.5 x 17.6	-	593.00	1.05	520 - 585	600 - 800	#67-067	₹14,947 Volume Pricing	3 In Stock
25.2 x 35.6	-	593.00	1.05	520 - 585	600 - 800	#67-083	₹19,618 Volume Pricing	3 In Stock
12.5 x 17.6	-	605.00	1.05	350 - 596	612 - 950	#86-321	₹14,947 Volume Pricing	20+ In Stock
25.2 x 35.6	-	605.00	1.05	350 - 596	612 - 950	#86-335	₹19,618 Volume Pricing	Contact Us
12.5 x 17.6	-	635.00	1.05	400 - 624	646 - 850	#87-056	₹14,947 Volume Pricing	5 In Stock
25.2 x 35.6	-	635.00	1.05	400 - 624	646 - 850	#87-064	₹19,618 Volume Pricing	3 In Stock
12.5 x 17.6	-	660.00	1.05	580 - 651	670 - 800	#67-068	₹14,947 Volume Pricing	20+ In Stock
25.2 x 35.6	-	660.00	1.05	580 - 651	670 - 800	#67-084	₹19,618 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 ₹8,100 20+ In Stock

	12.5 x 17.6	-	685.00	1.05	590 - 676	695 - 810	#67-069	₹14,947 Volume Pricing	2 In Stock
	25.2 x 35.6	-	735.00	1.05	450 - 723	748 - 1100	#87-057	₹15,726 Volume Pricing	4 In Stock
Copyright 2023, Edmund Optics India Private Limited, #267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: 1-800-363-1992 : www.edmundoptics.com									
	25.2 x 35.6	-	735.00	1.05	450 - 723	748 - 1100	#87-065	₹20,475 Volume Pricing	16 In Stock
	12.5 x 17.6	-	757.00	1.05	450 - 744	770 - 1100	#87-058	₹15,726 Volume Pricing	6 In Stock
	25.2 x 35.6	-	757.00	1.05	450 - 744	770 - 1100	#87-066	₹20,475 Volume Pricing	5 In Stock
	12.5 x 17.6	-	801.00	1.05	450 - 790	814 - 1100	#86-322	₹15,726 Volume Pricing	3 In Stock
	25.2 x 35.6	-	801.00	1.05	450 - 790	814 - 1100	#86-336	₹20,475 Volume Pricing	4 In Stock