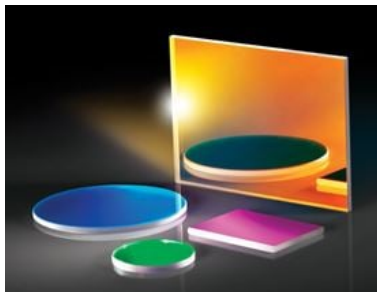


[All Products](#) / [Optics](#) / [Optical Filters](#) / [Longpass Filters](#)
TECHSPEC® Dichroic Longpass Filters


- Ideal for Fluorescence or Multispectral Imaging
- Sharp Cut-On Wavelength
- Broad Transmission and Reflection Ranges

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		

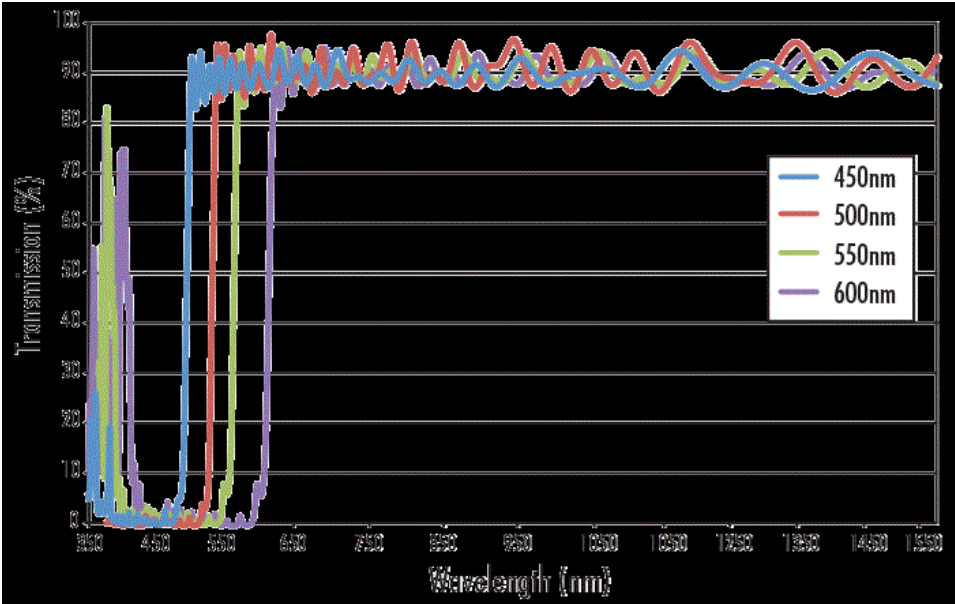
Optical Properties

Angle of Incidence (°):	45		
Substrate:	Fused Silica (Corning 7980)	Coating:	Hard Coated
Reflection (%):	>97, Average Polarization >95, Absolute Polarization	Surface Quality:	60-40
Transmission (%):	>85, Average Polarization >80, Absolute Polarization	Transmitted Wavefront Tolerance:	λ/4
Cut-On Tolerance (%):	±2	Slope Factor (%):	3.00

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

Dimensions (mm)	Dia. (mm)	Cut-On Wavelength (nm)	Thickness (mm)	Reflection Wavelength (nm)	Transmission Wavelength (nm)	Stock Number	Price	Buy
-	12.50	400.00	1.05	350 - 375	420 - 1600	#69-864	₹10,121 Qty 6+ ₹8,019	10 to 12 days
12.5 x 17.6	-	400.00	1.05	350 - 375	420 - 1600	#69-875	₹10,121 Qty 6+ ₹8,019	10 to 12 days
-	25.00	400.00	1.05	350 - 375	420 - 1600	#69-886	₹13,546 Qty 6+ ₹10,899	10 to 12 days
25.2 x 35.6	-	400.00	1.05	350 - 375	420 - 1600	#69-897	₹13,546 Qty 6+ ₹10,899	10 to 12 days
-	12.50	450.00	1.05	350 - 430	470 - 1600	#69-865	₹10,121 Qty 6+ ₹8,019	10 to 12 days
12.5 x 17.6	-	450.00	1.05	350 - 430	470 - 1600	#69-876	₹10,121 Qty 6+ ₹8,019	10 to 12 days
-	25.00	450.00	1.05	350 - 430	470 - 1600	#69-887	₹13,546 Qty 6+ ₹10,899	10 to 12 days
25.2 x 35.6	-	450.00	1.05	350 - 430	470 - 1600	#69-898	₹13,546 Qty 6+ ₹10,899	10 to 12 days
-	12.50	500.00	1.05	350 - 480	520 - 1600	#69-866	₹10,121 Qty 6+ ₹8,019	10 to 12 days
12.5 x 17.6	-	500.00	1.05	350 - 480	520 - 1600	#69-877	₹10,121 Qty 6+ ₹8,019	10 to 12 days
-	25.00	500.00	1.05	350 - 480	520 - 1600	#69-888	₹13,546 Qty 6+ ₹10,899	10 to 12 days
25.2 x 35.6	-	500.00	1.05	350 - 480	520 - 1600	#69-899	₹13,546 Qty 6+ ₹10,899	10 to 12 days
-	12.50	550.00	1.05	415 - 515	575 - 1600	#69-867	₹10,121 Qty 6+ ₹8,019	10 to 12 days
12.5 x 17.6	-	550.00	1.05	415 - 515	575 - 1600	#69-878	₹10,121 Qty 6+ ₹8,019	10 to 12 days
-	25.00	550.00	1.05	415 - 515	575 - 1600	#69-889	₹13,546 Qty 6+ ₹10,899	10 to 12 days
25.2 x 35.6	-	550.00	1.05	415 - 515	575 - 1600	#69-900	₹13,546 Qty 6+ ₹10,899	10 to 12 days
-	12.50	600.00	1.05	460 - 570	625 - 1600	#69-868	₹10,121 Qty 6+ ₹8,019	10 to 12 days
12.5 x 17.6	-	600.00	1.05	460 - 570	625 - 1600	#69-879	₹10,121 Qty 6+ ₹8,019	10 to 12 days
-	25.00	600.00	1.05	460 - 570	625 - 1600	#69-890	₹13,546 Qty 6+ ₹10,899	10 to 12 days

25.2 x 35.6	-	600.00	1.05	460 - 570	625 - 1600	#69-901	₹13,546 Qty 6+ ₹10,899	10 to 12 days
-	12.50	650.00	1.05	495 - 610	675 - 1600	#69-869	₹10,121 Qty 6+ ₹8,019	10 to 12 days
12.5 x 17.6	-	650.00	1.05	495 - 610	675 - 1600	#69-880	₹10,121 Qty 6+ ₹8,019	10 to 12 days
-	25.00	650.00	1.05	495 - 610	675 - 1600	#69-891	₹13,546 Qty 6+ ₹10,899	10 to 12 days
25.2 x 35.6	-	650.00	1.05	495 - 610	675 - 1600	#69-902	₹13,546 Qty 6+ ₹10,899	10 to 12 days
-	12.50	700.00	1.05	535 - 660	725 - 1600	#69-870	₹10,121 Qty 6+ ₹8,019	10 to 12 days
12.5 x 17.6	-	700.00	1.05	535 - 660	725 - 1600	#69-881	₹10,121 Qty 6+ ₹8,019	10 to 12 days
-	25.00	700.00	1.05	535 - 660	725 - 1600	#69-892	₹13,546 Qty 6+ ₹10,899	10 to 12 days
25.2 x 35.6	-	700.00	1.05	535 - 660	725 - 1600	#69-903	₹13,546 Qty 6+ ₹10,899	10 to 12 days
-	12.50	750.00	1.05	565 - 715	780 - 1600	#69-871	₹10,276 Qty 6+ ₹8,174	10 to 12 days
12.5 x 17.6	-	750.00	1.05	565 - 715	780 - 1600	#69-882	₹10,276 Qty 6+ ₹8,174	10 to 12 days
-	25.00	750.00	1.05	565 - 715	780 - 1600	#69-893	₹14,013 Qty 6+ ₹11,210	10 to 12 days
25.2 x 35.6	-	750.00	1.05	565 - 715	780 - 1600	#69-904	₹14,013 Qty 6+ ₹11,210	10 to 12 days
-	12.50	800.00	1.05	600 - 760	830 - 1600	#69-872	₹10,276 Qty 6+ ₹8,174	10 to 12 days
12.5 x 17.6	-	800.00	1.05	600 - 760	830 - 1600	#69-883	₹10,276 Qty 6+ ₹8,174	10 to 12 days
-	25.00	800.00	1.05	600 - 760	830 - 1600	#69-894	₹14,013 Qty 6+ ₹11,210	10 to 12 days
25.2 x 35.6	-	800.00	1.05	600 - 760	830 - 1600	#69-905	₹14,013 Qty 6+ ₹11,210	10 to 12 days
-	12.50	850.00	1.05	635 - 805	880 - 1600	#69-873	₹10,276 Qty 6+ ₹8,174	Contact Us
12.5 x 17.6	-	850.00	1.05	635 - 805	880 - 1600	#69-884	₹10,276 Qty 6+ ₹8,174	10 to 12 days
-	25.00	850.00	1.05	635 - 805	880 - 1600	#69-895	₹14,013 Qty 6+ ₹11,210	10 to 12 days
25.2 x 35.6	-	850.00	1.05	635 - 805	880 - 1600	#69-906	₹14,013 Qty 6+ ₹11,210	10 to 12 days
-	12.50	900.00	1.05	675 - 855	935 - 1600	#69-874	₹10,276 Qty 6+ ₹8,174	10 to 12 days

12.5 x 17.6	-	900.00	1.05	675 - 855	935 - 1600	#69-885	₹10,276 Qty 6+ ₹8,174	10 to 12 days
-	25.00	900.00	1.05	675 - 855	935 - 1600	#69-896	₹14,013 Qty 6+ ₹11,210	10 to 12 days
25.2 x 35.6	-	900.00	1.05	675 - 855	935 - 1600	#69-907	₹14,013 Qty 6+ ₹11,210	10 to 12 days
-	12.50	950.00	1.05	715 - 900	985 - 1600	#87-027	₹10,276 Qty 6+ ₹8,174	10 to 12 days
12.5 x 17.6	-	950.00	1.05	715 - 900	985 - 1600	#87-033	₹10,276 Qty 6+ ₹8,174	10 to 12 days
-	25.00	950.00	1.05	715 - 900	985 - 1600	#87-039	₹14,013 Qty 6+ ₹11,210	10 to 12 days
25.2 x 35.6	-	950.00	1.05	715 - 900	985 - 1600	#87-045	₹14,013 Qty 6+ ₹11,210	10 to 12 days
-	12.50	1,000.00	1.05	750 - 950	1035 - 1600	#87-028	₹10,588 Qty 6+ ₹8,408	10 to 12 days
12.5 x 17.6	-	1,000.00	1.05	750 - 950	1035 - 1600	#87-034	₹10,588 Qty 6+ ₹8,408	Contact Us
-	25.00	1,000.00	1.05	750 - 950	1035 - 1600	#87-040	₹14,402 Qty 6+ ₹11,522	10 to 12 days
25.2 x 35.6	-	1,000.00	1.05	750 - 950	1035 - 1600	#87-046	₹14,402 Qty 6+ ₹11,522	10 to 12 days
-	12.50	1,050.00	1.05	790 - 1000	1085 - 1600	#87-029	₹10,588 Qty 6+ ₹8,408	10 to 12 days
12.5 x 17.6	-	1,050.00	1.05	790 - 1000	1085 - 1600	#87-035	₹10,276 Qty 6+ ₹8,174	10 to 12 days
-	25.00	1,050.00	1.05	790 - 1000	1085 - 1600	#87-041	₹14,402 Qty 6+ ₹11,522	10 to 12 days
25.2 x 35.6	-	1,050.00	1.05	790 - 1000	1085 - 1600	#87-047	₹14,402 Qty 6+ ₹11,522	10 to 12 days
-	12.50	1,100.00	1.05	825 - 1045	1135 - 1600	#87-030	₹10,588 Qty 6+ ₹8,408	10 to 12 days
12.5 x 17.6	-	1,100.00	1.05	825 - 1045	1135 - 1600	#87-036	₹10,588 Qty 6+ ₹8,408	10 to 12 days
-	25.00	1,100.00	1.05	825 - 1045	1135 - 1600	#87-042	₹14,402 Qty 6+ ₹11,522	10 to 12 days
25.2 x 35.6	-	1,100.00	1.05	825 - 1045	1135 - 1600	#87-048	₹14,402 Qty 6+ ₹11,522	10 to 12 days
-	12.50	1,150.00	1.05	875 - 1095	1190 - 1600	#87-031	₹10,588 Qty 6+ ₹8,408	10 to 12 days
12.5 x 17.6	-	1,150.00	1.05	875-1095	1190 - 1600	#87-037	₹10,588 Qty 6+ ₹8,408	10 to 12 days
-	25.00	1,150.00	1.05	875 - 1095	1190 - 1600	#87-043	₹14,402 Qty 6+ ₹11,522	10 to 12 days

25.2 x 35.6	-	1,150.00	1.05	875 - 1095	1190 - 1600	#87-049	₹14,402 Qty 6+ ₹11,522	10 to 12 days
-	12.50	1,200.00	1.05	920 - 1160	1240 - 1600	#87-032	₹10,588 Qty 6+ ₹8,408	10 to 12 days
12.5 x 17.6	-	1,200.00	1.05	920 - 1160	1240 - 1600	#87-038	₹10,588 Qty 6+ ₹8,408	10 to 12 days
-	25.00	1,200.00	1.05	920 - 1160	1240 - 1600	#87-044	₹14,402 Qty 6+ ₹11,522	10 to 12 days
25.2 x 35.6	-	1,200.00	1.05	920 - 1160	1240 - 1600	#87-050	₹14,402 Qty 6+ ₹11,522	10 to 12 days



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