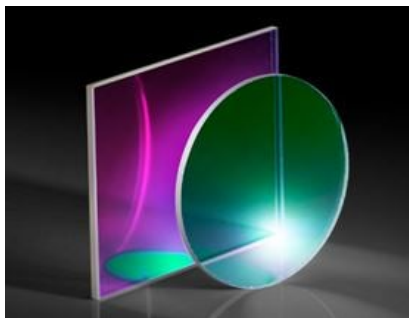


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TECHSPEC® Low GDD Dichroic Shortpass Ultrafast Filters



- Reduced Thickness for Limited GDD
- Broad Transmission and Reflection Ranges
- Ideal for Ultrafast Laser Applications
- Controlled GDD Specification Using [In-House Metrology](#)

Common Specifications

Physical & Mechanical Properties

Thickness (mm):	1.05 ±0.1	Dimensional Tolerance (mm):	+0.0/-0.2
Optical Properties			
Angle of Incidence (°):	45	Substrate:	Fused Silica (Corning 7980)
Coating:	Hard Coated	P-Polarization Transmission (%):	>80
Reflection (%):	>97 Average Polarization	S-Polarization Transmission (%):	>80
Surface Quality:	60-40	Transmission (%):	>85 Average Polarization
Transmitted Wavefront, RMS:	$\lambda/4$	Slope Factor (%):	3.00
Cut-Off Tolerance (%):	±2	S-Polarization Reflection (%):	>95
P-Polarization Reflection (%):	>95	Coating Specification:	Surface 1: Hard Dielectric Sputtered Surface 2: AR Coated

Technical Information

Products

Dimensions (mm)	Dia. (mm)	Cut-Off Wavelength (nm)	Transmission Wavelength (nm)	Wavelength Range (nm)	Stock Number	Price	Buy
-	25.00	450.00	325 - 430	325 - 545	#13-996	£164.59 Volume Pricing	Contact Us
25.2 x 35.6	-	450.00	325 - 430	325 - 545	#14-008	£182.10 Volume Pricing	2 In Stock
-	25.00	500.00	325 - 480	325 - 610	#13-997	£164.59 Volume Pricing	2 In Stock
25.2 x 35.6	-	500.00	325 - 480	325 - 610	#14-009	£182.10 Volume Pricing	1 In Stock
-	25.00	600.00	400 - 580	400 - 795	#13-999	£164.59 Volume Pricing	7 In Stock
25.2 x 35.6	-	600.00	400 - 580	400 - 795	#14-011	£182.10 Volume Pricing	1 In Stock
-	25.00	650.00	400 - 630	400 - 850	#14-001	£164.59 Volume Pricing	2 In Stock
25.2 x 35.6	-	650.00	400 - 630	400 - 850	#14-012	£182.10 Volume Pricing	Contact Us
-	25.00	700.00	400 - 680	400 - 900	#14-002	£164.59 Volume Pricing	1 In Stock
25.2 x 35.6	-	700.00	400 - 680	400 - 900	#14-013	£182.10 Volume Pricing	2 In Stock
-	25.00	750.00	400 - 725	400 - 990	#14-003	£164.59 Volume Pricing	1 In Stock
25.2 x 35.6	-	750.00	400 - 725	400 - 990	#14-014	£182.10 Volume Pricing	Contact Us
-	25.00	800.00	400 - 775	400 - 1050	#14-004	£164.59 Volume Pricing	1 In Stock
25.2 x 35.6	-	800.00	400 - 775	400 - 1050	#14-015	£182.10 Volume Pricing	1 In Stock
-	25.00	850.00	400 - 820	400 - 1110	#14-005	£164.59 Volume Pricing	1 In Stock
25.2 x 35.6	-	850.00	400 - 820	400 - 1110	#14-016	£182.10 Volume Pricing	1 In Stock
-	25.00	900.00	465 - 865	465 - 1170	#14-006	£164.59 Volume Pricing	1 In Stock
25.2 x 35.6	-	900.00	465 - 865	465 - 1170	#14-017	£182.10 Volume Pricing	1 In Stock
-	25.00	950.00	495 - 912	495 - 1325	#14-030	£164.59 Volume Pricing	3 In Stock

25.2 x 35.6	-	950.00	495 - 912	495 - 1235	#14-036	£182.10 Volume Pricing	1 In Stock
-	25.00	1,050.00	546 - 1008	546 - 1365	#14-032	£164.59 Volume Pricing	2 In Stock
25.2 x 35.6	-	1,050.00	546 - 1008	546 - 1365	#14-038	£182.10 Volume Pricing	2 In Stock
-	25.00	1,100.00	572 - 1056	572 - 1430	#14-033	£164.59 Volume Pricing	1 In Stock
25.2 x 35.6	-	1,100.00	572 - 1056	572 - 1430	#14-039	£182.10 Volume Pricing	1 In Stock
-	25.00	1,200.00	624 - 1152	624 - 1560	#14-035	£164.59 Volume Pricing	1 In Stock
25.2 x 35.6	-	1,200.00	624 - 1152	624 - 1560	#14-041	£182.10 Volume Pricing	1 In Stock



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