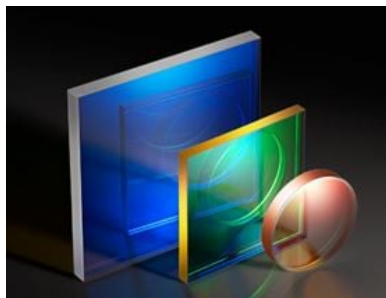


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TECHSPEC® 45° Reflective Dichroic Color Filters



- Reflects Stated Color While Transmitting Remaining Visible Spectrum
- Ideal for Color Separation Applications
- Precision N-BK7 Substrates

Common Specifications

Physical & Mechanical Properties

Thickness Tolerance (mm):	±0.20	Parallelism (arcmin):	<1
Dimensional Tolerance (mm):	±0.25	Clear Aperture (%):	90.00

Optical Properties

Angle of Incidence (°):	45.00	Substrate:	N-BK7
Coating:	Traditional Coated	Surface Quality:	60-40
Transmission (%):	90.00	Wavelength Tolerance (nm):	±15
Coating Specification:	Surface 1: Multi-Layer Dichroic Surface 2: Single Layer MgF ₂	Surface Flatness (P-V):	λ/4

Technical Information

Products

Reflection Wavelength (nm)	Transmission Wavelength (nm)	Dia. (mm)	Dimensions (mm)	Color	Cut-On Wavelength (nm)	Stock Number	Price	Buy
640 - 750	400 - 595	12.50	-	Red	615.00	#47-263	€73,00 Qty 11+ €65,50	3-4 days
640 - 750	400 - 595	25.00	-	Red	615.00	#47-266	€86,50 Qty 11+ €78,00	In Stock
640 - 750	400 - 595	-	35.0 x 35.0	Red	615.00	#49-471	€113,00 Qty 11+ €102,00	3-4 days
640 - 750	400 - 595	-	50.0 x 50.0	Red	615.00	#47-948	€144,00 Qty 11+ €130,00	3-4 days
520 - 550	600 - 800	12.50	-	Green	-	#47-265	€73,00 Qty 11+ €65,50	In Stock
520 - 550	600 - 800	25.00	-	Green	-	#47-268	€86,50 Qty 11+ €78,00	In Stock
520 - 550	600 - 800	-	35.0 x 35.0	Green	-	#49-473	€113,00 Qty 11+ €102,00	3-4 days
520 - 550	600 - 800	-	50.0 x 50.0	Green	-	#47-950	€144,00 Qty 11+ €130,00	3-4 days
400 - 475	530 - 800	12.50	-	Blue	-	#47-264	€73,00 Qty 11+ €65,50	3-4 days
400 - 475	530 - 800	25.00	-	Blue	-	#47-267	€86,50 Qty 11+ €78,00	In Stock
400 - 475	530 - 800	-	35.0 x 35.0	Blue	-	#49-472	€113,00 Qty 11+ €102,00	In Stock
400 - 475	530 - 800	-	50.0 x 50.0	Blue	-	#47-949	€144,00 Qty 11+ €130,00	3-4 days
400 - 565	625 - 725	12.50	-	Cyan	-	#66-242	€73,00 Qty 11+ €65,50	3-4 days
400 - 565	625 - 725	25.00	-	Cyan	-	#66-245	€86,50 Qty 11+ €78,00	3-4 days
400 - 565	625 - 725	-	35.0 x 35.0	Cyan	-	#66-248	€113,00 Qty 11+ €102,00	3-4 days
400 - 565	625 - 725	-	50.0 x 50.0	Cyan	-	#66-251	€144,00 Qty 11+ €130,00	3-4 days
550 - 725	400 - 495	12.50	-	Yellow	-	#66-243	€73,00 Qty 11+ €65,50	3-4 days
550 - 725	400 - 495	25.00	-	Yellow	-	#66-246	€86,50 Qty 11+ €78,00	3-4 days
550 - 725	400 - 495	-	35.0 x 35.0	Yellow	-	#66-249	€113,00 Qty 11+ €102,00	In Stock

550 - 725	400 - 495	-	50.0 x 50.0	Yellow	-	#66-252	€144,00 Qty 11+ €130,00	3-4 days
400 - 465 & 635 - 725	520 - 580	12.50	-	Magenta	605.00	#66-244	€73,00 Qty 11+ €65,50	3-4 days
400 - 465 & 635 - 725	520 - 580	25.00	-	Magenta	605.00	#66-247	€86,50 Qty 11+ €78,00	3-4 days
400 - 465 & 635 & 725	520 - 580	-	35.0 x 35.0	Magenta	605.00	#66-250	€113,00 Qty 11+ €102,00	3-4 days
400 - 465 & 635 - 725	520 - 580	-	50.0 x 50.0	Magenta	605.00	#66-253	€144,00 Qty 11+ €130,00	3-4 days



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