

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

TECHSPEC®

Multi-Band Fluorescence Bandpass Filters



- Multiple Pass Bands on a Single Filter
- High Peak Transmission, Excellent Blocking
- Ideal for Simultaneous Viewing of Multiple Fluorophores
- For Optimal Performance Pair with [Multi-Edge Fluorescence Dichroic Filters](#)

Common Specifications

Physical & Mechanical Properties			
Construction: Mounted in Black Anodized Ring		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	
Substrate Thickness (mm): 2.00 ±0.25			
Optical Properties			
Angle of Incidence (°): 0			
Optical Density OD (Average): ≥6.0		Substrate: Fused Silica (Corning 7980)	
Coating: Hard Coated		Surface Quality: 60-40	
Transmission (%): >90		Blocking Wavelength Range (nm): 250 - 1100	
Threading & Mounting			
Mount Thickness (mm): 3.5 ±0.1			
Environmental & Durability Factors			
Environmental Durability:			

Technical Information



All mounted TECHSPEC® Optical Filters have an arrow on the side of the mount that points to the filter-coated surface for quick reference. Filter oriented such that arrow points to filter coated surface S1. Anti-reflective (AR) coating is applied to S2.

Products

Dia. (mm)	Multi-Band Center Wavelengths (nm)	Minimum Transmission (%)	Compatible Fluorophore	Blocking Wavelength Range (nm)	Substrate Thickness (mm)	Stock Number	Price	Buy
12.50	433, 530	-	DAPI & FITC Emission	250 - 1100	2.00	#87-232	£288.04 Volume Pricing	14 In Stock
25.00	433, 530	-	DAPI & FITC Emission	250 - 1100	2.00	#87-240	£376.47 Volume Pricing	1 In Stock
50.00	433, 530	-	DAPI & FITC Emission	250 - 1100	2.00	#87-248	£882.50 Volume Pricing	5 In Stock
12.50	512, 630	-	GFP & TRITC Emission	250 - 1100	2.00	#87-233	£288.04 Volume Pricing	1 In Stock
25.00	512, 630	-	GFP & TRITC Emission	250 - 1100	2.00	#87-241	£376.47 Volume Pricing	1 In Stock
50.00	512, 630	-	GFP & TRITC Emission	250 - 1100	2.00	#87-249	£882.50 Volume Pricing	1 In Stock
12.50	432, 517, 615	-	DAPI/FITC/TRITC Emission	250 - 1100	2.00	#87-236	£306.43 Volume Pricing	1 In Stock
25.00	432, 517, 615	-	DAPI/FITC/TRITC Emission	250 - 1100	2.00	#87-244	£413.24 Volume Pricing	1 In Stock
50.00	432, 517, 615	-	DAPI/FITC/TRITC Emission	250 - 1100	2.00	#87-252	£984.94 Volume Pricing	3 In Stock
12.50	457, 530, 628	-	DAPI/FITC/Texas Red Emission	250 - 1100	2.00	#87-237	£306.43 Volume Pricing	1 In Stock
25.00	457, 530, 628	-	DAPI/FITC/Texas Red Emission	250 - 1100	2.00	#87-245	£413.24 Volume Pricing	7 In Stock
50.00	457, 530, 628	-	DAPI/FITC/Texas Red Emission	250 - 1100	2.00	#87-253	£984.94 Volume Pricing	2 In Stock
12.50	464, 542, 639	-	CFP/YFP/Texas Red Emission	250 - 1100	2.00	#87-238	£306.43 Volume Pricing	1 In Stock
25.00	464, 542, 639	-	CFP/YFP/Texas Red Emission	250 - 1100	2.00	#87-246	£413.24 Volume Pricing	2 In Stock
50.00	464, 542, 639	-	CFP/YFP/Texas Red Emission	250 - 1100	2.00	#87-254	£984.94 Volume Pricing	Contact Us
12.50	440, 521, 607, 700	-	DAPI/FITC/TRITC/CY5 Emission	250 - 1100	2.00	#87-239	£344.95 Volume Pricing	2 In Stock
25.00	440, 521, 607, 700	-	DAPI/FITC/TRITC/CY5 Emission	250 - 1100	2.00	#87-247	£464.02 Volume Pricing	2 In Stock
50.00	440, 521, 607, 700	-	DAPI/FITC/TRITC/CY5 Emission	250 - 1100	2.00	#87-255	£1,114.51 Volume Pricing	1 In Stock
12.50	577, 690	-	CY3 & CY5 Emission	250 - 1100	2.00	#87-235	£288.04 Volume Pricing	10 In Stock
25.00	577, 690	-	CY3 & CY5 Emission	250 - 1100	2.00	#87-243	£376.47 Volume Pricing	3 In Stock



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