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TECHSPEC®

Raman Longpass Edge Filters



- High Transmission for Detecting Weak Signals
- Deep Blocking for Maximum Laser Rejection
- Ideal for Raman Spectroscopy or Life Science Instrumentation

Common Specifications

Physical & Mechanical Properties			
Thickness Tolerance (mm):		±0.1	
Clear Aperture (%):		>80	
Optical Properties			
Angle of Incidence (°):		0 ±2	
Optical Density OD (Average):		≥6.0	
Substrate:		Fused Silica (Corning 7980)	
Coating:		Hard Coated	
Surface Quality:		60-40	
Transmitted Wavefront, RMS:		<λ/4 @ 633nm	
Threading & Mounting			
Mount Thickness (mm):		3.5	
Environmental & Durability Factors			
Durability:		Environmental: MIL-STD-810F Physical: MIL-C-48497A	

Technical Information

Products

Dia. (mm)	Cut-On Wavelength (nm)	Laser Blocking Wavelength (nm)	Transition Width (nm)	Rejection Wavelength (nm)	Wavelength Range (nm)	Stock Number	Price	Buy
12.50	328.30	325.00	<3.3	200 - 325	200 - 733	#86-217	C\$771.68 Volume Pricing	1 In Stock
12.50	358.60	355.00	<3.6	-	355 - 800	#86-218	C\$771.68 Volume Pricing	3 In Stock
12.50	477.70	473.00	<4.7	383 - 473	383 - 1067	#86-222	C\$771.68 Volume Pricing	2 In Stock
12.50	492.90	488.00	<4.9	394 - 488	394 - 1101	#86-223	C\$771.68 Volume Pricing	1 In Stock
12.50	519.60	514.5	<5.1	416 - 514.5	416 - 1161	#86-224	C\$771.68 Volume Pricing	4 In Stock
12.50	537.30	532.00	<5.3	430 - 532	430 - 1200	#86-225	C\$771.68 Volume Pricing	7 In Stock
12.50	639.10	632.8	<6.3	513 - 632.8	513 - 1427	#86-226	C\$771.68 Volume Pricing	2 In Stock
12.50	792.80	785.00	<7.8	-	785 - 1500	#86-228	C\$771.68 Volume Pricing	5 In Stock
12.50	989.80	980.00	<9.8	770 - 980	770 - 2000	#86-231	C\$771.68 Volume Pricing	3 In Stock
12.50	1,074.60	1064.00	<10.6	831 - 1064	831 - 1064	#86-232	C\$771.68 Volume Pricing	1 In Stock
25.00	328.30	325.00	<3.3	200 - 325	200 - 733	#86-234	C\$1,083.32 Volume Pricing	1 In Stock
25.00	358.60	355.00	<3.6	-	355 - 800	#86-235	C\$1,083.32 Volume Pricing	4 In Stock
25.00	477.70	473.00	<4.7	383 - 473	383 - 1067	#86-239	C\$1,083.32 Volume Pricing	1 In Stock
25.00	492.90	488.00	<4.9	394 - 488	394 - 1101	#86-240	C\$1,083.32 Volume Pricing	1 In Stock
25.00	519.60	514.5	<5.1	416 - 514.5	416 - 1161	#86-241	C\$1,083.32 Volume Pricing	Contact Us
25.00	537.30	532.00	5.3	430 - 532	430 - 1200	#86-242	C\$1,083.32 Volume Pricing	4 In Stock
25.00	792.80	785.00	<7.8	-	785 - 1500	#86-245	C\$1,083.32 Volume Pricing	1 In Stock
25.00	1,074.60	1064.00	<10.6	831 - 1064	831 - 1064	#86-249	C\$1,083.32 Volume Pricing	1 In Stock
50.00	328.30	325.00	<3.3	200 - 325	200 - 733	#86-251	C\$3,110.46 Volume Pricing	2 In Stock
50.00	358.60	355.00	<3.6	-	355 - 800	#86-252	C\$3,110.46 Volume Pricing	1 In Stock

50.00	477.70	473.00	<4.7	383 - 473	383 - 1067	#86-256	C\$3,110.46 Volume Pricing	1 In Stock
50.00	492.90	488.00	<4.9	394 - 488	394 - 1101	#86-257	C\$3,019.94 Volume Pricing	Contact Us
50.00	519.60	514.5	<5.1	416 - 514.5	416 - 1161	#86-258	C\$3,110.46 Volume Pricing	3 In Stock
50.00	537.30	532.00	<5.3	430 - 532	430 - 1200	#86-259	C\$3,110.46 Volume Pricing	1 In Stock
50.00	639.10	632.8	<6.3	513 - 632.8	513 - 1427	#86-260	C\$3,110.46 Volume Pricing	1 In Stock
50.00	792.80	785.00	<7.8	-	785 - 1500	#86-262	C\$3,110.46 Volume Pricing	1 In Stock
50.00	989.80	980.00	<9.8	770 - 980	770 - 2000	#86-265	C\$3,110.46 Volume Pricing	2 In Stock
50.00	1,074.60	1064.00	<10.6	831 - 1064	831 - 1064	#86-266	C\$3,110.46 Volume Pricing	1 In Stock



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