

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

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/-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	€520,00	3-4 days
12.50	358.60	355.00	<3.6	-	355 - 800	#86-218	€520,00	3-4 days
12.50	477.70	473.00	<4.7	383 - 473	383 - 1067	#86-222	€520,00	3-4 days
12.50	492.90	488.00	<4.9	394 - 488	394 - 1101	#86-223	€520,00	3-4 days
12.50	519.60	514.5	<5.1	416 - 514.5	416 - 1161	#86-224	€520,00	3-4 days
12.50	537.30	532.00	<5.3	430 - 532	430 - 1200	#86-225	€520,00	In Stock
12.50	639.10	632.8	<6.3	513 - 632.8	513 - 1427	#86-226	€520,00	3-4 days
12.50	792.80	785.00	<7.8	-	785 - 1500	#86-228	€520,00	Contact Us
12.50	989.80	980.00	<9.8	770 - 980	770 - 2000	#86-231	€520,00	3-4 days
12.50	1,074.60	1064.00	<10.6	831 - 1064	831 - 1064	#86-232	€520,00	3-4 days
25.00	328.30	325.00	<3.3	200 - 325	200 - 733	#86-234	€730,00	3-4 days
25.00	358.60	355.00	<3.6	-	355 - 800	#86-235	€730,00	3-4 days
25.00	477.70	473.00	<4.7	383 - 473	383 - 1067	#86-239	€730,00	3-4 days
25.00	492.90	488.00	<4.9	394 - 488	394 - 1101	#86-240	€730,00	3-4 days
25.00	519.60	514.5	<5.1	416 - 514.5	416 - 1161	#86-241	€730,00	Contact Us
25.00	537.30	532.00	5.3	430 - 532	430 - 1200	#86-242	€730,00	3-4 days
25.00	792.80	785.00	<7.8	-	785 - 1500	#86-245	€730,00	Contact Us
25.00	1,074.60	1064.00	<10.6	831 - 1064	831 - 1064	#86-249	€730,00	3-4 days

50.00	328.30	325.00	<3.3	200 - 325	200 - 733	#86-251	€2.096,00	3-4 days
50.00	358.60	355.00	<3.6	-	355 - 800	#86-252	€2.096,00	Contact Us
50.00	477.70	473.00	<4.7	383 - 473	383 - 1067	#86-256	€2.096,00	3-4 days
50.00	492.90	488.00	<4.9	394 - 488	394 - 1101	#86-257	€2.035,00	Contact Us
50.00	519.60	514.5	<5.1	416 - 514.5	416 - 1161	#86-258	€2.096,00	3-4 days
50.00	537.30	532.00	<5.3	430 - 532	430 - 1200	#86-259	€2.096,00	3-4 days
50.00	639.10	632.8	<6.3	513 - 632.8	513 - 1427	#86-260	€2.096,00	3-4 days
50.00	792.80	785.00	<7.8	-	785 - 1500	#86-262	€2.096,00	3-4 days
50.00	989.80	980.00	<9.8	770 - 980	770 - 2000	#86-265	€2.096,00	3-4 days
50.00	1,074.60	1064.00	<10.6	831 - 1064	831 - 1064	#86-266	€2.096,00	3-4 days



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