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Laser Line Longpass Filters

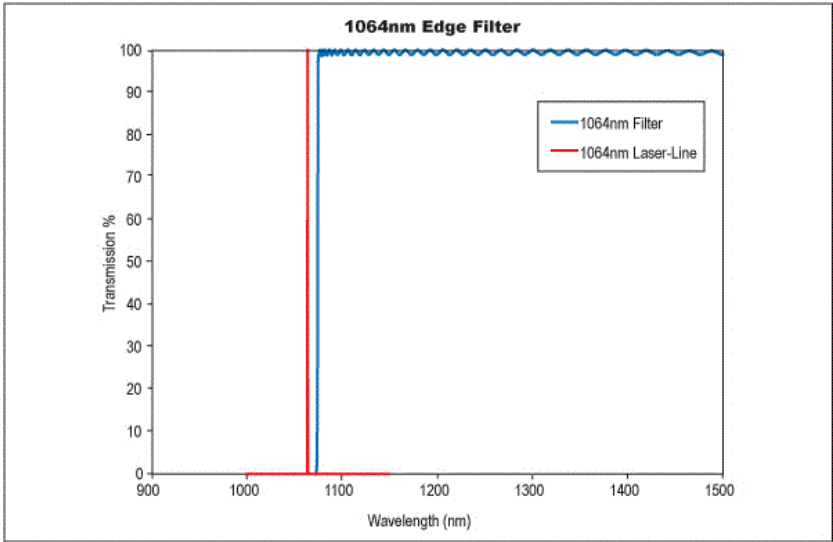


- Up to 93% Transmission to Detect Weak Signals
- Deep > OD 6 Blocking for Maximum Laser Rejection
- Ideal for Raman Spectroscopy, Confocal Microscopy, and Biotech Instrumentation
- Unrivaled Performance and Lifetime

Common Specifications

Physical & Mechanical Properties			
Diameter (mm):	25.00 +0.0/-0.1	Clear Aperture CA (mm):	22
Thickness Tolerance (mm):	±0.1	Clear Aperture (%):	88
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	Damage Threshold, By Design:	0.5 J/cm ² @ 266nm, 10ns, 10Hz 1 J/cm ² @ 532nm, 10ns, 10Hz
Threading & Mounting			
Mount Thickness (mm):	3.5		
Environmental & Durability Factors			
Durability:	Environmental: MIL-STD-810F, Physical: MIL-C-48497A		

Technical Information



Products

Dia. (mm)	Laser Blocking Wavelength (nm)	Transition Width (nm)	Edge Steepness (nm)	Bandwidth (nm)	Transmission Wavelength (nm)	Stock Number	Price	Buy
25.00	248.6	<5.0	2.0	>250	261 - 560.8	#12-254	€1.272,00	3-4 days
25.00	266	<2.7	2.1	>300	272.4 - 600	#12-255	€1.128,00	3-4 days
25.00	325	<3.3	1.60	>400	329.2 - 733.1	#47-498	€768,00	Contact Us
25.00	355	<3.6	1.80	>400	359.6 - 800.8	#47-499	€768,00	3-4 days
25.00	473	<4.7	2.40	>550	479.1 - 1066.9	#47-502	€768,00	3-4 days
25.00	488	<4.9	2.40	>600	494.3 - 1100.8	#47-503	€768,00	3-4 days
25.00	514.5	<5.1	2.60	>600	521.2 - 1160.5	#47-504	€876,00	Contact Us
25.00	532	<5.3	2.70	>600	538.9 - 1200	#47-505	€768,00	Contact Us
25.00	632.8	<6.3	3.20	>600	641 - 1427.4	#47-506	€768,00	3-4 days
25.00	785	<7.8	3.90	>900	795.2 - 1770.7	#47-508	€768,00	3-4 days
25.00	808	<8.1	4.0	>1000	818.5 - 1822.6	#12-256	€876,00	3-4 days
25.00	830	<8.3	4.2	>1000	840.8 - 1872.2	#12-257	€768,00	3-4 days
25.00	980	<9.8	4.90	>1000	992.7 - 2000	#47-509	€768,00	3-4 days
25.00	1064	<10.6	5.30	>900	1077.8 - 2000	#47-510	€768,00	3-4 days



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