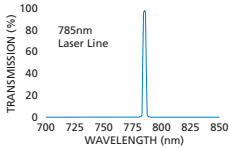
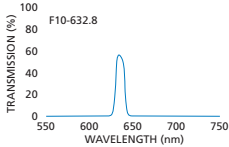
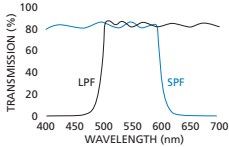
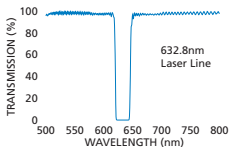
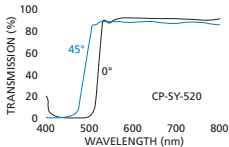
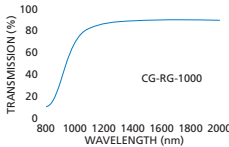
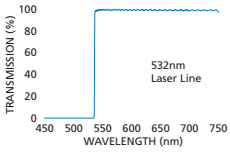
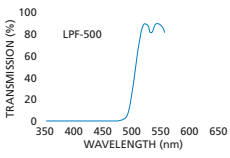
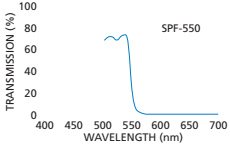
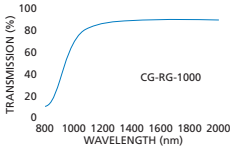
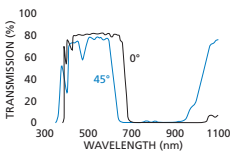


## Selection Guide

Product Type	FWHM	Peak Transmission (%)	Blocking Optical Density	Applications	Page	
<b>TRANSMISSION FILTERS</b>						
 <p>785nm Laser Line</p>	<b>Xsquared™ Laser Line XLL</b>	1.4-4.0 nm	90	>6	Fluorescence, Raman, Laser-line clean-up	<b>12.28</b>
 <p>F10-632.8</p>	<b>Interference Filters F, FFL</b>	3nm, 10 nm, 25 nm, 40 nm, 70 nm	12-70	3-4	Laser-line clean-up	<b>12.12</b>
 <p>LPF SPF</p>	<b>Variable Bandpass VPFS</b>	Sets of LPF and SPF filters to mix and match for user selectable bandpass	80	3	Fluorescence, Raman, Laser-line blocking	<b>12.27</b>
<b>BLOCKING FILTERS</b>						
 <p>632.8nm Laser Line</p>	<b>Xsquared™ Notch Filters XNF</b>	17 nm	90	>6	Fluorescence, Raman, Laser-line blocking	<b>12.30</b>
 <p>45° 0° CP-SY-520</p>	<b>Color Process CP</b>	100 nm	75	2	Fluorescence	<b>12.34</b>
 <p>CG-RG-1000</p>	<b>Color Glass CG</b>	200-400 nm	>80	up to 5	Attenuation, Isolation of Broadband Source	<b>12.38</b>

(continued)

## Selection Guide (continued)

Product Type	FWHM	Peak Transmission (%)	Blocking Optical Density	Applications	Page
<b>EDGE FILTERS</b>					
	<b>Xsquared™ Long Pass Filters XLP</b>	93	>6	Fluorescence, Raman	<b>12.31</b>
	<b>Long Wavepass Filters LPF, FLWP</b>	60–80	3	Fluorescence, Raman	<b>12.24</b>
	<b>Short Wavepass Filters SPF, FSWP</b>	50–80	3	Fluorescence, Raman	<b>12.25</b>
	<b>Color Glass CG</b>	>80	up to 5	Attenuation, Isolation of Broadband Source	<b>12.38</b>
	<b>Heat Control Filters HR, EHR, HT, UR, FHA, MHG</b>	85	90% Reflectance out-of-band	Reflects IR wavelength to keep filter cool	<b>12.44</b>

(continued)

Windows and Optical Flats

Prisms and Retroreflectors

Spherical Lenses

Cylindrical Lenses

Multielement Lenses

Mirrors

Beamsplitters

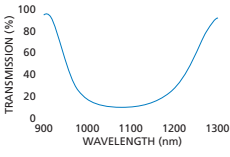
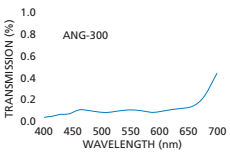
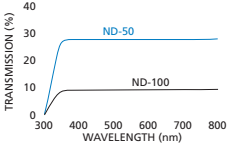
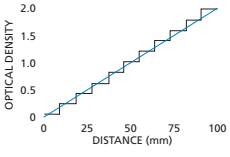
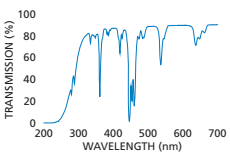
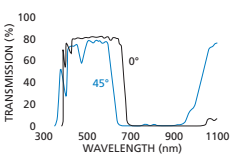
Waveplates

Polarization Components

Ultrafast Components

Filters and Etalons

Selection Guide (continued)

Product Type	FWHM	Peak Transmission (%)	Blocking Optical Density	Applications	Page
<b>BROADBAND ATTENUATION, HIGH ENERGY ATTENUATION, EQUALIZING FILTERS, CALIBRATION FILTERS</b>					
 <p><b>High Energy Attenuators</b> UVDA, HPDA</p>		0.01-80.0	0.1-4.0	Attenuation of high energy laser lines, Nonabsorbing	<b>12.58</b>
 <p><b>Absorptive Neutral Density Filters</b> ANG, FSA</p>		0.0-89.0	0.05-5.0	Broadband attenuation	<b>12.49</b>
 <p><b>Inconel Neutral Density Filters</b> ND, NDQ</p> <p><i>Inconel® is a registered trademark of EM industries, Inc.</i></p>		0.01-79.43	0.1-4.0	Broadband attenuation	<b>12.50</b>
 <p><b>Variable Neutral Density Filters</b> CND, CNDQ, CSND, LND, LNDQ, LSND</p>		Range	Range	Broadband attenuation	<b>12.54</b>
 <p><b>Calibration Filter Sets</b> CFS</p>		Range	Range	Broadband attenuation	<b>12.60</b>
 <p><b>Heat Control Filters</b> EHR, FHA, HR, HT, MHG, UR</p>		85	90% Reflectance out-of-band	Reflects IR wavelength to keep filter cool	<b>12.44</b>