

▼ CHAPTERS

Optical Elements

Polarization Optics

Optical Isolators

Optical Systems

Optics Kits

▼ SECTIONS

Spherical Lenses

Achromatic Lenses

Aspheric Lenses

Cylindrical Lenses

Mirrors

Spectral Filters

ND Filters

Beamsplitters

Prisms

Gratings

Windows

Diffusers

Laser Line and Bandpass Filters (Page 1 of 4)

Laser Line and Bandpass filters provide a simple and economical way to transmit a light in a narrow, well-defined spectral region while rejecting other unwanted radiation. Their design is essentially that of a thin film Fabry-Perot Interferometer formed by vacuum deposition techniques and consists of two reflecting stacks, separated by an even-order spacer layer.

These reflecting stacks are constructed from alternating layers of high and low refractive index materials, which can have a reflectance in excess of 99.99%. By varying the thickness of the spacer layer and/or the number of reflecting layers, the central wavelength and bandwidth of the filter can be altered. This type of filter displays very high transmission in the bandpass region, but the spectral range of blocked light on either side of the bandpass region is narrow. To compensate for this deficiency, an additional blocking component is added, which is either an all-dielectric or a metal-dielectric depending on the requirements of the filter. Although this additional blocking component will eliminate any unwanted out-of-band radiation, it also reduces the filter's overall transmission throughput.

Using these methods, Thorlabs offers a wide range of filters from 340 nm - 1650 nm. In addition, custom filters can be fabricated; please contact our technical support staff to discuss your particular requirements.

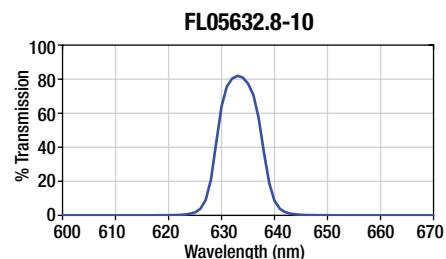
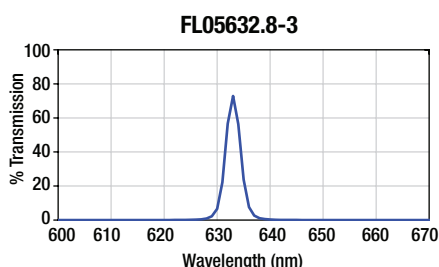
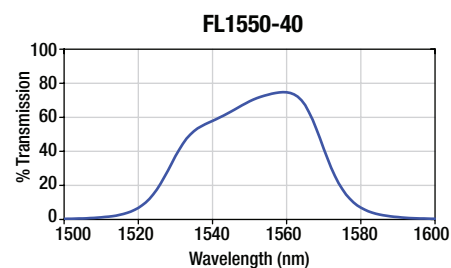
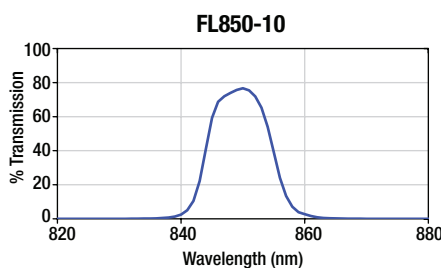


Operator testing filters on a spectrophotometer after a coating run. All Thorlabs filters undergo rigorous testing before being made available for sale.

Specifications

- **Minimum Clear Aperture:**
Ø8.6 mm for Ø1/2"
Ø21 mm for Ø1"
- **Diameter Tolerance:** +0.0/-0.2 mm
- **Thickness:** <6.3 mm
- **Optimum Operating Temperature:** 23 °C
- **Edge Treatment:** Mounted in Black Anodized Aluminum Ring
- **Edge Markings:**
CWL-FWHM ↑ Lot Number
(The Arrow Points in the Direction of the Light Transmission)
- **Surface/Coating Quality:**
80-50 Scratch-Dig
- **Operating Temperature:**
-50 °C to +80 °C
- **Substrates:** Schott Borofloat and Soda Lime

Sample Transmission Plots



Transmission Plots for All Filters Available at www.thorlabs.com

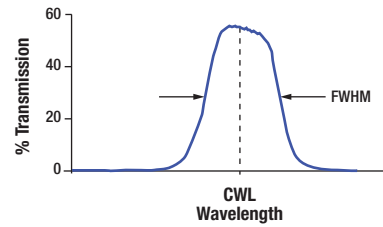
Laser Line/Bandpass Filters (Page 2 of 4)



Features

- CWL from 340 – 1650 nm
- 1 nm to 70 nm Transmission Bands
- Ø1/2" or Ø1" Mounted Filters
- OD ≥ 4 Blocking in Specified Range

Typical Transmission Characteristics



Ø1/2" Laser Line/Bandpass Filters

ITEM #	CWL ^a (nm)	FWHM ^b (nm)	T ^c (MIN %)	BLOCKING (OD ≥ 4)	\$	£	€	RMB
FL05488-10	488 ± 2	10 ± 2	65	200 - 1100 nm	\$ 46.20	£ 33.26	€ 40.19	¥ 368.21
FL05514.5-1	514.5 ± 0.2	1 ± 0.2	45	200 - 1100 nm	\$ 89.25	£ 64.26	€ 77.65	¥ 711.32
FL05532-1	532 ± 0.2	1 ± 0.2	40	200 - 1100 nm	\$ 89.25	£ 64.26	€ 77.65	¥ 711.32
FL05532-10	532 ± 2	10 ± 2	70	200 - 1100 nm	\$ 46.20	£ 33.26	€ 40.19	¥ 368.21
FL05632.8-1	632.8 ± 0.2	1 ± 0.2	50	200 - 1100 nm	\$ 89.25	£ 64.26	€ 77.65	¥ 711.32
FL05632.8-3	632.8 ± 0.6	3 ± 0.6	65	200 - 1100 nm	\$ 68.25	£ 49.14	€ 59.38	¥ 543.95
FL05632.8-10	632.8 ± 2	10 ± 2	70	200 - 1100 nm	\$ 46.20	£ 33.26	€ 40.19	¥ 368.21
FL05635-10	635 ± 2	10 ± 2	70	200 - 1100 nm	\$ 46.20	£ 33.26	€ 40.19	¥ 368.21
FL05780-10	780 ± 2	10 ± 2	70	200 - 1100 nm	\$ 46.20	£ 33.26	€ 40.19	¥ 368.21
FL05850-10	850 ± 2	10 ± 2	70	200 - 1100 nm	\$ 46.20	£ 33.26	€ 40.19	¥ 368.21
FL051064-3	1064 ± 0.6	3 ± 0.6	55	200 - 1100 nm	\$ 68.25	£ 49.14	€ 59.38	¥ 543.95
FL051064-10	1064 ± 2	10 ± 2	70	200 - 1100 nm	\$ 46.20	£ 33.26	€ 40.19	¥ 368.21
FL051550-40	1550 ± 8	40 ± 8	45	200 - 1100 nm	\$ 46.20	£ 33.26	€ 40.19	¥ 368.21

^aCentral Wavelength ^bFull Width at Half Maximum ^cTransmission at Peak

Ø1" Laser Line/Bandpass Filters: 340 - 514.5 nm

ITEM #	CWL ^a (nm)	FWHM ^b (nm)	T ^c (MIN %)	BLOCKING (OD ≥ 4)	\$	£	€	RMB
FB340-10	340 ± 2	10 ± 2	25	200 nm - 3 µm	\$ 132.00	£ 95.04	€ 114.84	¥ 1,052.04
FB350-10	350 ± 2	10 ± 2	25	200 nm - 3 µm	\$ 132.00	£ 95.04	€ 114.84	¥ 1,052.04
FL355-10	355 ± 2	10 ± 2	25	200 - 1150 nm	\$ 139.00	£ 100.08	€ 120.93	¥ 1,107.83
FB360-10	360 ± 2	10 ± 2	25	200 nm - 3 µm	\$ 132.00	£ 95.04	€ 114.84	¥ 1,052.04
FB370-10	370 ± 2	10 ± 2	25	200 nm - 3 µm	\$ 132.00	£ 95.04	€ 114.84	¥ 1,052.04
FB380-10	380 ± 2	10 ± 2	25	200 nm - 3 µm	\$ 132.00	£ 95.04	€ 114.84	¥ 1,052.04
FB390-10	390 ± 2	10 ± 2	30	200 nm - 3 µm	\$ 132.00	£ 95.04	€ 114.84	¥ 1,052.04
FB400-10	400 ± 2	10 ± 2	37	200 nm - 3 µm	\$ 122.00	£ 87.84	€ 106.14	¥ 972.34
FB400-40	400 ± 8	40 ± 8	45	200 - 1150 nm	\$ 110.00	£ 79.20	€ 95.70	¥ 876.70
FB405-10	405 ± 2	10 ± 2	37	200 nm - 3 µm	\$ 98.00	£ 70.56	€ 85.26	¥ 781.06
FB410-10	410 ± 2	10 ± 2	40	200 nm - 3 µm	\$ 98.00	£ 70.56	€ 85.26	¥ 781.06
FB420-10	420 ± 2	10 ± 2	45	200 nm - 3 µm	\$ 98.00	£ 70.56	€ 85.26	¥ 781.06
FB430-10	430 ± 2	10 ± 2	45	200 nm - 3 µm	\$ 97.00	£ 69.84	€ 84.39	¥ 773.09
FB440-10	440 ± 2	10 ± 2	45	200 nm - 3 µm	\$ 97.00	£ 69.84	€ 84.39	¥ 773.09
FL441.6-10	441.6 ± 2	10 ± 2	60	200 - 1150 nm	\$ 98.00	£ 70.56	€ 85.26	¥ 781.06
FB450-10	450 ± 2	10 ± 2	45	200 nm - 3 µm	\$ 97.00	£ 69.84	€ 84.39	¥ 773.09
FB450-40	450 ± 8	40 ± 8	45	200 - 1150 nm	\$ 94.00	£ 67.68	€ 81.78	¥ 749.18
FL457.9-10	457.9 ± 2	10 ± 2	65	200 - 1150 nm	\$ 98.00	£ 70.56	€ 85.26	¥ 781.06
FL460-10	460 ± 0.2	10 ± 2	65	200 - 1150 nm	\$ 98.00	£ 70.56	€ 85.26	¥ 781.06
FB460-10	460 ± 2	10 ± 2	45	200 nm - 3 µm	\$ 92.00	£ 66.24	€ 80.04	¥ 733.24
FB470-10	470 ± 2	10 ± 2	45	200 nm - 3 µm	\$ 92.00	£ 66.24	€ 80.04	¥ 733.24
FB480-10	480 ± 2	10 ± 2	45	200 nm - 3 µm	\$ 92.00	£ 66.24	€ 80.04	¥ 733.24
FL488-1	488 ± 0.2	1 ± 0.2	40	200 - 1150 nm	\$ 206.75	£ 148.86	€ 179.87	¥ 1,647.81
FL488-3	488 ± 0.6	3 ± 0.6	45	200 - 1150 nm	\$ 134.99	£ 97.19	€ 117.44	¥ 1,075.89
FL488-10	488 ± 2	10 ± 2	65	200 - 1150 nm	\$ 92.14	£ 66.34	€ 80.17	¥ 734.39
FB490-10	490 ± 2	10 ± 2	45	200 nm - 3 µm	\$ 90.00	£ 64.80	€ 78.30	¥ 717.30
FB500-10	500 ± 2	10 ± 2	50	200 - 1200 nm	\$ 90.00	£ 64.80	€ 78.30	¥ 717.30
FB500-40	500 ± 8	40 ± 8	70	200 - 1150 nm	\$ 90.00	£ 64.80	€ 78.30	¥ 717.30
FL508.5-10	508.5 ± 2	10 ± 2	65	200 - 1150 nm	\$ 92.14	£ 66.34	€ 80.17	¥ 734.39
FB510-10	510 ± 2	10 ± 2	50	200 nm - 3 µm	\$ 86.73	£ 62.44	€ 75.45	¥ 691.21
FL514.5-1	514.5 ± 0.2	1 ± 0.2	45	200 - 1150 nm	\$ 206.75	£ 148.86	€ 179.87	¥ 1,647.81
FL514.5-3	514.5 ± 0.6	3 ± 0.6	55	200 - 1150 nm	\$ 134.99	£ 97.19	€ 117.44	¥ 1,075.89
FL514.5-10	514.5 ± 2	10 ± 2	65	200 - 1150 nm	\$ 92.14	£ 66.34	€ 80.17	¥ 734.39

^aCentral Wavelength ^bFull Width at Half Maximum ^cTransmission at Peak

Have you
seen our...

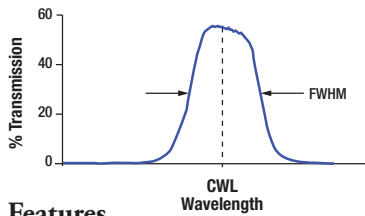
Notch Filters

See page
814

For current pricing,
please see our website.

Laser Line/Bandpass Filters (Page 3 of 4)

Typical Transmission Characteristics



Features

- CWL from 340 – 1650 nm
- 1 nm to 70 nm Transmission Bands
- Ø1/2" or Ø1" Mounted Filters
- OD ≥ 4 Blocking in Specified Range

Specifications

- **Minimum Clear Aperture:**
Ø21 mm for Ø1"
- **Diameter Tolerance:**
+0.0/-0.2 mm
- **Thickness:** <6.3 mm
- **Optimum Operating Temperature:** 23 °C
- **Edge Treatment:**
Mounted in Black Anodized Aluminum Ring
- **Edge Markings:**
CWL-FWHM ↑ Lot Number
(The Arrow Points in the Direction of the Light Transmission)
- **Surface/Coating Quality:**
80-50 Scratch-Dig
- **Operating Temperature:**
-50 to 80 °C
- **Substrates:** Schott Borofloat and Soda Lime



Ø1" Laser Line/Bandpass Filters: 520 – 800 nm

ITEM #	CWL ^a (nm)	FWHM ^b (nm)	T ^c (MIN %)	BLOCKING (OD ≥ 4)	\$	£	€	RMB
FB520-10	520 ± 2	10 ± 2	50	200 nm - 3 µm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FB530-10	530 ± 2	10 ± 2	50	200 nm - 3 µm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FL532-1	532 ± 0.2	1 ± 0.2	40	200 - 1150 nm	\$ 206.75	£ 148.86	€ 179.87	¥ 1,647.81
FL532-3	532 ± 0.6	3 ± 0.6	60	200 - 1150 nm	\$ 134.99	£ 97.19	€ 117.44	¥ 1,075.89
FL532-10	532 ± 2	10 ± 2	70	200 - 1150 nm	\$ 92.14	£ 66.34	€ 80.17	¥ 734.39
FL543.5-10	543.5 ± 2	10 ± 2	70	200 - 1150 nm	\$ 92.14	£ 66.34	€ 80.17	¥ 734.39
FB540-10	540 ± 2	10 ± 2	50	200 nm - 3 µm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FB550-10	550 ± 2	10 ± 2	50	200 - 1200 nm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FB550-40	550 ± 8	40 ± 8	70	200 - 1150 nm	\$ 98.57	£ 70.97	€ 85.76	¥ 785.61
FB560-10	560 ± 2	10 ± 2	50	200 nm - 3 µm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FB570-10	570 ± 2	10 ± 2	50	200 nm - 3 µm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FB580-10	580 ± 2	10 ± 2	50	200 nm - 3 µm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FB590-10	590 ± 2	10 ± 2	50	200 nm - 3 µm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FB600-10	600 ± 2	10 ± 2	50	200 - 1200 nm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FB600-40	600 ± 8	40 ± 8	70	200 - 1150 nm	\$ 98.57	£ 70.97	€ 85.76	¥ 785.61
FB610-10	610 ± 2	10 ± 2	50	200 nm - 3 µm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FB620-10	620 ± 2	10 ± 2	50	200 nm - 3 µm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FB630-10	630 ± 2	10 ± 2	50	200 nm - 3 µm	\$ 98.57	£ 70.97	€ 85.76	¥ 785.61
FL632.8-1	632.8 ± 0.2	1 ± 0.2	50	200 - 1150 nm	\$ 206.75	£ 148.86	€ 179.87	¥ 1,647.81
FL632.8-3	632.8 ± 0.6	3 ± 0.6	65	200 - 1150 nm	\$ 134.99	£ 97.19	€ 117.44	¥ 1,075.89
FL632.8-10	632.8 ± 2	10 ± 2	70	200 - 1150 nm	\$ 92.14	£ 66.34	€ 80.17	¥ 734.39
FL635-10	635 ± 2	10 ± 2	70	200 - 1150 nm	\$ 92.14	£ 66.34	€ 80.17	¥ 734.39
FB640-10	640 ± 2	10 ± 2	50	200 - 1200 nm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FL647.1-10	647.1 ± 2	10 ± 2	70	200 - 1150 nm	\$ 92.14	£ 66.34	€ 80.17	¥ 734.39
FB650-10	650 ± 2	10 ± 2	50	200 - 1200 nm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FB650-40	650 ± 8	40 ± 8	70	200 - 1150 nm	\$ 98.57	£ 70.97	€ 85.76	¥ 785.61
FB660-10	660 ± 2	10 ± 2	50	200 - 1200 nm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FB670-10	670 ± 2	10 ± 2	50	200 - 1200 nm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FL670-10	670 ± 2	10 ± 2	70	200 - 1150 nm	\$ 92.14	£ 66.34	€ 80.17	¥ 734.39
FB680-10	680 ± 2	10 ± 2	50	200 - 1200 nm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FB690-10	690 ± 2	10 ± 2	50	200 - 1200 nm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FL694.3-10	694.3 ± 2	10 ± 2	70	200 - 1150 nm	\$ 92.14	£ 66.34	€ 80.17	¥ 734.39
FB700-10	700 ± 2	10 ± 2	50	200 - 1200 nm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FB700-40	700 ± 8	40 ± 8	70	200 - 1150 nm	\$ 98.57	£ 70.97	€ 85.76	¥ 785.61
FB710-10	710 ± 2	10 ± 2	50	200 - 1200 nm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FB720-10	720 ± 2	10 ± 2	50	200 - 1200 nm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FB730-10	730 ± 2	10 ± 2	50	200 - 1200 nm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FL730-10	730 ± 2	10 ± 2	70	200 - 1150 nm	\$ 92.14	£ 66.34	€ 80.17	¥ 734.39
FB740-10	740 ± 2	10 ± 2	50	200 - 1200 nm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FB750-10	750 ± 2	10 ± 2	50	200 - 1200 nm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FB750-40	750 ± 8	40 ± 8	70	200 - 1150 nm	\$ 98.57	£ 70.97	€ 85.76	¥ 785.61
FB760-10	760 ± 2	10 ± 2	50	200 - 1200 nm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FB770-10	770 ± 2	10 ± 2	50	200 - 1200 nm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FB780-10	780 ± 2	10 ± 2	50	200 - 1200 nm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FL780-10	780 ± 2	10 ± 2	70	200 - 1150 nm	\$ 92.14	£ 66.34	€ 80.17	¥ 734.39
FB790-10	790 ± 2	10 ± 2	50	200 - 1200 nm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FB800-10	800 ± 2	10 ± 2	50	200 - 1200 nm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FB800-40	800 ± 8	40 ± 8	70	200 - 1150 nm	\$ 98.57	£ 70.97	€ 85.76	¥ 785.61

^aCentral Wavelength ^bFull Width at Half Maximum ^cTransmission at Peak

Have you
seen our...

Bandpass
Filter Kits



See page 999

Laser Line/Bandpass Filters (Page 4 of 4)

Ø1" Laser Line/Bandpass Filters: 810 - 1650 nm

ITEM #	CWL ^a (nm)	FWHM ^b (nm)	T ^c (MIN %)	BLOCKING (OD ≥ 4)	\$	£	€	RMB
FB810-10	810 ± 2	10 ± 2	50	200 - 1200 nm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FB820-10	820 ± 2	10 ± 2	50	200 - 1200 nm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FB830-10	830 ± 2	10 ± 2	50	200 - 1200 nm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FL830-10	830 ± 2	10 ± 2	70	200 - 1150 nm	\$ 92.14	£ 66.34	€ 80.17	¥ 734.39
FB840-10	840 ± 2	10 ± 2	50	200 - 1200 nm	\$ 84.67	£ 60.96	€ 73.66	¥ 674.79
FB850-10	850 ± 2	10 ± 2	50	200 - 1200 nm	\$ 98.57	£ 70.97	€ 85.76	¥ 785.61
FL850-10	850 ± 2	10 ± 2	70	200 - 1150 nm	\$ 92.14	£ 66.34	€ 80.17	¥ 734.39
FB850-40	850 ± 8	40 ± 8	70	200 - 1150 nm	\$ 98.57	£ 70.97	€ 85.76	¥ 785.61
FB860-10	860 ± 2	10 ± 2	50	200 - 1200 nm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33
FB870-10	870 ± 2	10 ± 2	50	200 - 1200 nm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33
FB880-10	880 ± 2	10 ± 2	50	200 - 1200 nm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33
FL880-10	880 ± 2	10 ± 2	70	200 - 1150 nm	\$ 92.14	£ 66.34	€ 80.17	¥ 734.39
FB880-40	880 ± 8	40 ± 8	70	200 - 1150 nm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33
FB880-70	880 ± 8	70 ± 8	70	200 - 1150 nm	\$ 98.57	£ 70.97	€ 85.76	¥ 785.61
FB890-10	890 ± 2	10 ± 2	50	200 - 1200 nm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33
FB900-10	900 ± 2	10 ± 2	50	200 - 1200 nm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33
FB900-40	900 ± 8	40 ± 8	70	200 - 1150 nm	\$ 98.57	£ 70.97	€ 85.76	¥ 785.61
FL905-10	905 ± 2	10 ± 2	70	200 - 1150 nm	\$ 92.14	£ 66.34	€ 80.17	¥ 734.39
FL905-25	905 ± 5	25 ± 5	70	200 - 1150 nm	\$ 92.14	£ 66.34	€ 80.17	¥ 734.39
FB910-10	910 ± 2	10 ± 2	50	200 - 1200 nm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33
FB920-10	920 ± 2	10 ± 2	50	200 - 1200 nm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33
FB930-10	930 ± 2	10 ± 2	50	200 - 1200 nm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33
FB940-10	940 ± 2	10 ± 2	50	200 - 1200 nm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33
FB950-10	950 ± 2	10 ± 2	50	200 - 1200 nm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33
FB960-10	960 ± 2	10 ± 2	50	200 - 1200 nm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33
FB970-10	970 ± 2	10 ± 2	50	200 - 1200 nm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33
FB980-10	980 ± 2	10 ± 2	50	200 - 1200 nm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33
FB990-10	990 ± 2	10 ± 2	50	200 - 1200 nm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33
FB1000-10	1000 ± 2	10 ± 2	45	200 nm - 3 µm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33
FB1050-10	1050 ± 2	10 ± 2	45	200 nm - 3 µm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33
FL1064-3	1064 ± 0.6	3 ± 0.6	45	200 - 1150 nm	\$ 206.75	£ 148.86	€ 179.87	¥ 1,647.81
FL1064-10	1064 ± 2	10 ± 2	70	200 - 1150 nm	\$ 92.14	£ 66.34	€ 80.17	¥ 734.39
FB1100-10	1100 ± 2	10 ± 2	40	200 nm - 3 µm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33
FB1150-10	1150 ± 2	10 ± 2	40	200 nm - 3 µm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33
FL1152-10	1152 ± 2	10 ± 2	45	200 nm - 3 µm	\$ 92.14	£ 66.34	€ 80.17	¥ 734.39
FB1200-10	1200 ± 2	10 ± 2	40	200 nm - 3 µm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33
FB1250-10	1250 ± 2	10 ± 2	40	200 nm - 3 µm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33
FB1300-12	1300 ± 2.4	12 ± 2.4	40	200 nm - 3 µm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33
FB1300-30	1300 ± 6	30 ± 6	40	200 nm - 1850 nm	\$ 88.60	£ 63.79	€ 77.08	¥ 706.14
FB1310-12	1310 ± 2	12 ± 2.4	40	200 nm - 3 µm	\$ 91.26	£ 65.71	€ 79.40	¥ 727.34
FB1320-12	1320 ± 2	12 ± 2.4	40	200 nm - 3 µm	\$ 91.26	£ 65.71	€ 79.40	¥ 727.34
FB1330-12	1330 ± 2	12 ± 2.4	40	200 nm - 3 µm	\$ 91.26	£ 65.71	€ 79.40	¥ 727.34
FB1340-12	1340 ± 2	12 ± 2.4	40	200 nm - 3 µm	\$ 91.26	£ 65.71	€ 79.40	¥ 727.34
FB1350-12	1350 ± 2.4	12 ± 2.4	35	200 nm - 3 µm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33
FB1400-12	1400 ± 2.4	12 ± 2.4	35	200 nm - 3 µm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33
FB1450-12	1450 ± 2.4	12 ± 2.4	35	200 nm - 3 µm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33
FB1480-12	1480 ± 2	12 ± 2.4	35	200 nm - 3 µm	\$ 91.26	£ 65.71	€ 79.40	¥ 727.34
FB1490-12	1490 ± 2	12 ± 2.4	35	200 nm - 3 µm	\$ 91.26	£ 65.71	€ 79.40	¥ 727.34
FB1500-12	1500 ± 2.4	12 ± 2.4	35	200 - 1850 nm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33
FB1510-12	1510 ± 2	12 ± 2.4	35	200 nm - 3 µm	\$ 91.26	£ 65.71	€ 79.40	¥ 727.34
FB1520-12	1520 ± 2	12 ± 2.4	35	200 nm - 3 µm	\$ 91.26	£ 65.71	€ 79.40	¥ 727.34
FB1530-12	1530 ± 2	12 ± 2.4	35	200 nm - 3 µm	\$ 91.26	£ 65.71	€ 79.40	¥ 727.34
FB1540-12	1540 ± 2	12 ± 2.4	35	200 nm - 3 µm	\$ 91.26	£ 65.71	€ 79.40	¥ 727.34
FB1550-12	1550 ± 2.4	12 ± 2.4	50	200 - 1850 nm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33
FB1550-30	1550 ± 6	30 ± 6	50	200 - 1850 nm	\$ 88.60	£ 63.79	€ 77.08	¥ 706.14
FB1550-40	1550 ± 8	40 ± 8	45	200 - 1850 nm	\$ 88.60	£ 63.79	€ 77.08	¥ 706.14
FB1560-12	1560 ± 2	12 ± 2.4	50	200 - 1850 nm	\$ 91.26	£ 65.71	€ 79.40	¥ 727.34
FB1570-12	1570 ± 2	12 ± 2.4	50	200 - 1850 nm	\$ 91.26	£ 65.71	€ 79.40	¥ 727.34
FB1580-12	1580 ± 2	12 ± 2.4	50	200 - 1850 nm	\$ 91.26	£ 65.71	€ 79.40	¥ 727.34
FB1590-12	1590 ± 2	12 ± 2.4	50	200 - 1850 nm	\$ 91.26	£ 65.71	€ 79.40	¥ 727.34
FB1600-12	1600 ± 2.4	12 ± 2.4	50	200 - 1850 nm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33
FB1610-12	1610 ± 2	12 ± 2.4	50	200 - 1850 nm	\$ 91.26	£ 65.71	€ 79.40	¥ 727.34
FB1620-12	1620 ± 2	12 ± 2.4	50	200 - 1850 nm	\$ 91.26	£ 65.71	€ 79.40	¥ 727.34
FB1650-12	1650 ± 2.4	12 ± 2.4	50	200 - 1850 nm	\$ 91.26	£ 65.71	€ 79.39	¥ 727.33

^aCentral Wavelength ^bFull Width at Half Maximum ^cTransmission at Peak

