



ANDOVER CORPORATION
Quality Optical Filters and Coatings

2011 - 2012

Standard Bandpass Filters



Standard Bandpass Filters

Andover offers one of the most extensive selections of bandpass filters in the industry, including many of the primary laser, mercury, biomedical, and analytical spectral lines.

We use a proprietary method to stabilize our products to prevent drift of peak wavelength with age and hermetically seal each filter for maximum protection against humidity. Each filter is mounted in a black anodized aluminum ring, adding further protection against chipping, scratching, and moisture penetration.

- Wavelengths from the ultra-violet through the infrared
- Stabilized to prevent drift of peak wavelength over time
- Hermetically sealed and protected by an anodized aluminum ring

GENERAL SPECIFICATIONS

Diameter Tolerance	+0/- .25mm	
Usable Aperture	<u>Filter Size</u>	<u>Usable Aperture</u>
	12.5mm Ø	9.0mm Ø
	25.0mm Ø	21.0mm Ø
	50.0mm Ø	45.0mm Ø
Surface Quality	80–50 (Per MIL-PRF-13830B)	
Optical Quality	Commercial instrumentation grade	
Out-of-Band Blocking	1 x 10 ⁻⁴ avg. from X-ray to FIR	
Specification Temperature	+23°C	
Max. Survival Temp Range	CW/L 214–380nm	-50°C to +50°C
	CW/L 380.1–2400nm	-50°C to +70°C
Humidity Resistance	Per MIL-C-48497A	
Mechanical	Mounted in an anodized aluminum ring	
Optional:	Mounted in threaded ring - see pg 55 for thread sizes	

Applications

Spectral Radiometry
 Medical Diagnostics
 Chemical Analysis
 Colorimetry



Standard Bandpass Sets



If you're looking to purchase more than just a few filters, may we suggest Building Your Own Set and SAVE! All filter sets are favorably discounted and include a complete spectral curve data sheet for each filter. They also come with a quality hardwood case for secure storage.



Sets	Size, Shape & Part Number		
	12.5mm Ø ○	25mm Ø ○	50mm Ø ○
6-Piece Set	000FS06-12.5	000FS06-25	000FS06-50
8-Piece Set	000FS08-12.5	000FS08-25	000FS08-50
12-Piece Set	000FS12-12.5	000FS12-25	000FS12-50

Choose from the following Part Numbers to build your own 6, 8 or 12 piece set. In making your selections, please keep in mind that each set you create must contain the same size filters to qualify as a set.

STANDARD BANDPASS FILTERS

Line	CWL (nm)	FWHM	Cavities/ Filter Type	Min. T (%)	N*	Max. Thickness (nm)	Size, Shape & Part Number		
							12.5mm Ø ○	25mm Ø ○	50mm Ø ○
-	193.0 +3/-5	15 ±3	MDM/7	12	-	4.0	193FS15-12.5	193FS15-25	193FS15-50
-	200.0 +3/-0	10 ±2	MDM/7	12	-	4.0	200FS10-12.5	200FS10-25	200FS10-50
Zn	214.0 +3/-0	10 ±2	MDM/7	12	-	4.0	214FS10-12.5	214FS10-25	214FS10-50
Zn	214.0 ±3	22 ±4	MDM/8	20	-	4.0	214FS22-12.5	214FS22-25	214FS22-50
-	220.0 +3/-0	10 ±2	MDM/7	12	-	4.0	220FS10-12.5	220FS10-25	220FS10-50
Cd	228.0 +3/-0	10 ±2	MDM/7	15	-	4.0	228FS10-12.5	228FS10-25	228FS10-50
Cd	228.0 ±3	25 ±5	MDM/8	20	-	4.0	228FS25-12.5	228FS25-25	228FS25-50
Ni	232.0 +3/-0	10 ±2	MDM/7	15	-	4.0	232FS10-12.5	232FS10-25	232FS10-50
Co	239.0 +3/-0	10 ±2	MDM/7	15	-	4.0	239FS10-12.5	239FS10-25	239FS10-50
Co	239.0 ±3	25 ±5	MDM/8	20	-	4.0	239FS25-12.5	239FS25-25	239FS25-50
HeCd	248.0 +3	10 ±2	MDM/7	12	-	4.0	248FS10-12.5	248FS10-25	248FS10-50

MDM= Metal-Dielectric-Metal

STANDARD BANDPASS FILTERS

Line	CWL (nm)	FWHM	Cavities/ Filter Type	Min. T (%)	N*	Max. Thickness (nm)	Size, Shape & Part Number		
							12.5mm Ø ○	25mm Ø ○	50mm Ø ○
Hg	253.7 +3/-0	10 ±2	MDM/7	12	-	4.0	254FS10-12.5	254FS10-25	254FS10-50
Hg	253.7 ±3	25 ±5	MDM/8	18	-	4.0	254FS25-12.5	254FS25-25	254FS25-50
Hg	253.7 +10-0	40 ±8	MDM/9	20	-	4.0	254FS40-12.5	254FS40-25	254FS40-50
-	260.0 +3/-0	10 ±2	MDM/7	12	-	4.0	260FS10-12.5	260FS10-25	260FS10-50
Hg	265.0 +3/-0	10 ±2	MDM/7	12	-	4.0	265FS10-12.5	265FS10-25	265FS10-50
Hg	265.0 ±3	25 ±5	MDM/8	20	-	4.0	265FS25-12.5	265FS25-25	265FS25-50
Hg	270.0 +3/-0	10 ±2	MDM/7	12	-	4.0	270FS10-12.5	270FS10-25	270FS10-50
Hg	275.0+3/-0	10 ±2	MDM/7	12	-	4.0	275FS10-12.5	275FS10-25	275FS10-50
Hg	280.0 +3/-0	10 ±2	MDM/7	12	-	4.0	280FS10-12.5	280FS10-25	280FS10-50
Hg	280.0 ±3	25 ±5	MDM/8	20	-	4.0	280FS25-12.5	280FS25-25	280FS25-50
Hg	289.0 +3/-0	10 ±2	MDM/7	15	-	4.0	289FS10-12.5	289FS10-25	289FS10-50
Hg	296.7 +3/-0	10 ±2	MDM/7	15	-	4.0	297FS10-12.5	297FS10-25	297FS10-50
-	300.0 +3/-0	10 ±2	MDM/7	15	-	4.0	300FS10-12.5	300FS10-25	300FS10-50
-	300.0 ±3	25 ±5	MDM/8	20	-	4.0	300FS25-12.5	300FS25-25	300FS25-50
-	300.0 +10/-0	40 ±8	MDM/9	20	-	4.0	300FS40-12.5	300FS40-25	300FS40-50
Zn	307.1 +3/-0	10 ±2	MDM/7	15	-	4.0	307FS10-12.5	307FS10-25	307FS10-50
Zn	307.1 ±3	25 ±5	MDM/8	20	-	4.0	307FS25-12.5	307FS25-25	307FS25-50
-	310.0 +3/-0	10 ±2	MDM/7	15	-	4.0	310FS10-12.5	310FS10-25	310FS10-50
Hg	313.0 +3/-0	10 ±2	MDM/7	15	-	4.0	313FS10-12.5	313FS10-25	313FS10-50
Hg	313.0 ±3	25 ±5	MDM/8	20	-	4.0	313FS25-12.5	313FS25-25	313FS25-50
-	320.0 +3/-0	10 ±2	3/3	25	1.45	8.0	320FS10-12.5	320FS10-25	320FS10-50
Cd	326.1 +0.5/-0	3 ±0.5	2/2	15	1.45	8.0	326FS03-12.5	326FS03-25	326FS03-50
Cd	326.1 +2/-0	10 ±2	3/3	25	1.45	8.0	326FS10-12.5	326FS10-25	326FS10-50
Cd	326.1 ±3	25 ±5	3/3	25	1.45	8.0	326FS25-12.5	326FS25-25	326FS25-50
-	330.0 +3/-0	10 ±2	3/3	25	1.45	8.0	330FS10-12.5	330FS10-25	330FS10-50
Hg	334.0 +2/-0	10 ±2	3/3	25	1.45	8.0	334FS10-12.5	334FS10-25	334FS10-50
N ₂ Laser	337.1 +0.5/-0	3 ±0.5	2/2	20	1.45	7.0	337FS03-12.5	337FS03-25	337FS03-50
N ₂ Laser	337.1 +2/-0	10 ±2	3/3	25	1.45	8.0	337FS10-12.5	337FS10-25	337FS10-50
biomed	340.0 +2/-0	8 ±2	3/3	35	1.45	8.0	340FS08-12.5	340FS08-25	340FS08-50
biomed	340.0 +3/-0	10 ±2	3/3	25	1.45	8.0	340FS10-12.5	340FS10-25	340FS10-50
biomed	340.0 ±3	25 ±5	3/3	25	1.45	7.0	340FS25-12.5	340FS25-25	340FS25-50
Nd/YAG Laser	350.0 +3/-0	10 ±2	3/3	25	1.45	8.0	350FS10-12.5	350FS10-25	350FS10-50
-	350.0 ±3	25 ±5	3/3	25	1.45	7.0	350FS25-12.5	350FS25-25	350FS25-50
-	350.0 +10/-0	40 ±8	3/3	25	1.45	7.0	350FS40-12.5	350FS40-25	350FS40-50
-	355.0 +2/-0	10 ±2	3/3	25	1.45	7.0	355FS10-12.5	355FS10-25	355FS10-50
-	360.0 +3/-0	10 ±2	3/3	25	1.45	7.0	360FS10-12.5	360FS10-25	360FS10-50
Hg	365.0 +1/-0	5 ±1	2/2	20	1.45	7.0	365FS05-12.5	365FS05-25	365FS05-50
Hg	365.0 +2/-0	10 ±2	3/3	25	1.45	7.0	365FS10-12.5	365FS10-25	365FS10-50
Hg	365.0 ±3	25 ±5	3/3	25	1.45	7.0	365FS25-12.5	365FS25-25	365FS25-50
Ni	370.0 +3/-0	10 ±2	3/3	25	1.45	7.0	370FS10-12.5	370FS10-25	370FS10-50
-	380.0 +3/-0	10 ±2	3/3	25	1.45	7.0	380FS10-12.5	380FS10-25	380FS10-50
-	390.0 +3/-0	10 ±2	3/3	35	1.45	7.0	390FS10-12.5	390FS10-25	390FS10-50
-	400.0 +3/-0	10 ±2	3/3	45	1.45	7.0	400FS10-12.5	400FS10-25	400FS10-50

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Line	CWL (nm)	FWHM	Cavities/ Filter Type	Min. T (%)	N*	Max. Thickness (nm)	Size, Shape & Part Number		
							12.5mm Ø ○	25mm Ø ○	50mm Ø ○
-	400.0 ±2	20 ±4	3/3	45	1.45	7.0	400FS20-12.5	400FS20-25	400FS20-50
-	400.0 +10/-0	40 ±8	3/3	45	1.45	7.0	400FS40-12.5	400FS40-25	400FS40-50
-	400.0 +20/-10	70 ±16	MDM/10	60	-	7.0	400FS70-12.5	400FS70-25	400FS70-50
Hg	404.7 +1/-0	5 ±1	2/2	35	1.45	7.0	405FS05-12.5	405FS05-25	405FS05-50
Hg	404.7 +2/-0	10 ±2	3/3	45	1.45	7.0	405FS10-12.5	405FS10-25	405FS10-50
-	410.0 +3/-0	10 ±2	3/3	45	1.45	7.0	410FS10-12.5	410FS10-25	410FS10-50
-	415.0 +2/-0	10 ±2	3/3	45	1.45	7.0	415FS10-12.5	415FS10-25	415FS10-50
-	420.0 +3/-0	10 ±2	3/3	45	1.45	7.0	420FS10-12.5	420FS10-25	420FS10-50
-	430.0 +3/-0	10 ±2	3/3	45	1.45	7.0	430FS10-12.5	430FS10-25	430FS10-50
Hg	435.8 +1/-0	5 ±1	2/2	45	1.45	7.0	436FS05-12.5	436FS05-25	436FS05-50
Hg	435.8 +2/-0	10 ±2	3/3	45	1.45	7.0	436FS10-12.5	436FS10-25	436FS10-50
-	440.0 +3/-0	10 ±2	3/3	45	1.45	7.0	440FS10-12.5	440FS10-25	440FS10-50
He/Cd Laser	441.6 +0.2/-0	1 ±0.2	2/2	35	1.45	8.5	442FS02-12.5	442FS02-25	442FS02-50
He/Cd Laser	441.6 +0.5/-0	3 ±0.5	2/2	40	1.45	8.5	442FS03-12.5	442FS03-25	442FS03-50
He/Cd Laser	441.6 +2/-0	10 ±2	3/3	45	1.45	7.0	442FS10-12.5	442FS10-25	442FS10-50
-	450.0 +3/-0	10 ±2	3/3	45	1.45	7.0	450FS10-12.5	450FS10-25	450FS10-50
-	450.0 ±2	20 ±4	3/3	55	1.45	7.0	450FS20-12.5	450FS20-25	450FS20-50
-	450.0 +10/-0	40 ±8	3/3	55	1.45	7.0	450FS40-12.5	450FS40-25	450FS40-50
-	450.0 +20/-10	80 ±16	MDM/9	65	-	7.0	450FS80-12.5	450FS80-25	450FS80-50
Cs	455.5 +2/-0	10 ±2	3/3	50	1.45	7.0	456FS10-12.5	456FS10-25	456FS10-50
Ar/Ion Laser	457.9 +0.2/-0	1 ±0.2	2/2	40	1.45	8.5	458FS02-12.5	458FS02-25	458FS02-50
Ar/Ion Laser	457.9 +0.5/-0	3 ±0.5	2/2	45	1.45	8.5	458FS03-12.5	458FS03-25	458FS03-50
Ar/Ion Laser	457.9 +2/-0	10 ±2	3/3	50	1.45	7.0	458FS10-12.5	458FS10-25	458FS10-50
-	460.0 +3/-0	10 ±2	3/3	50	1.45	7.0	460FS10-12.5	460FS10-25	460FS10-50
-	470.0 +3/-0	10 ±2	3/3	50	2.05	7.0	470FS10-12.5	470FS10-25	470FS10-50
-	480.0 +3/-0	10 ±2	3/3	50	2.05	7.0	480FS10-12.5	480FS10-25	480FS10-50
Hb	486.1 +2/-0	10 ±2	3/3	50	2.05	7.0	486FS10-12.5	486FS10-25	486FS10-50
Ar/Ion Laser	488.0 +.2/-0	1 ±0.2	2/2	45	2.05	8.5	488FS02-12.5	488FS02-25	488FS02-50
Ar/Ion Laser	488.0 +0.5/-0	3 ±0.5	2/2	50	2.05	8.5	488FS03-12.5	488FS03-25	488FS03-50
Ar/Ion Laser	488.0 +2/-0	10 ±2	3/3	55	2.05	7.0	488FS10-12.5	488FS10-25	488FS10-50
-	490.0 +3/-0	10 ±2	3/3	55	2.05	7.0	490FS10-12.5	490FS10-25	490FS10-50
-	500.0 +3/-0	10 ±2	3/3	55	2.05	7.0	500FS10-12.5	500FS10-25	500FS10-50
-	500.0 ±2	20 ±4	3/3	55	2.05	7.0	500FS20-12.5	500FS20-25	500FS20-50
-	500.0 +10/-0	40 ±8	3/3	55	2.05	7.0	500FS40-12.5	500FS40-25	500FS40-50
-	500.0 +20/-10	80 ±16	MDM/9	70	-	7.0	500FS80-12.5	500FS80-25	500FS80-50
Cd	508.5 +2/-0	10 ±2	3/3	55	2.05	7.0	508FS10-12.5	508FS10-25	508FS10-50
-	510.0 +3/-0	10 ±2	3/3	55	2.05	7.0	510FS10-12.5	510FS10-25	510FS10-50
Ar/Ion Laser	514.5 +0.2/-0	1 ±0.2	2/2	45	2.05	8.5	515FS02-12.5	515FS02-25	515FS02-50
Ar/Ion Laser	514.5 +0.5/-0	3 ±0.5	2/2	50	2.05	8.5	515FS03-12.5	515FS03-25	515FS03-50
Ar/Ion Laser	514.5 +2/-0	10 ±2	3/3	55	2.05	7.0	515FS10-12.5	515FS10-25	515FS10-50
-	520.0 +3/-0	10 ±2	3/3	55	2.05	7.0	520FS10-12.5	520FS10-25	520FS10-50
-	523.0 +2/-0	10 ±2	3/3	55	2.05	7.0	523FS10-12.5	523FS10-25	523FS10-50

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STANDARD BANDPASS FILTERS

Line	CWL (nm)	FWHM (nm)	Cavities/ Filter Type	Min. T (%)	N*	Max. Thickness (nm)	Size, Shape & Part Number		
							12.5mm Ø ○	25mm Ø ○	50mm Ø ○
-	530.0 +3/-0	10 ±2	3/3	55	2.05	7.0	530FS10-12.5	530FS10-25	530FS10-50
Nd/YAG Laser	532.0 +0.2/-0	1 ±0.2	2/2	45	2.05	8.5	532FS02-12.5	532FS02-25	532FS02-50
Nd/YAG Laser	532.0 +0.5/-0	3 ±0.5	2/2	50	2.05	8.5	532FS03-12.5	532FS03-25	532FS03-50
Nd/YAG Laser	532.0 +2/-0	10 ±2	3/3	55	2.05	7.0	532FS10-12.5	532FS10-25	532FS10-50
Ti	535.0 +2/-0	10 ±2	3/3	55	2.05	7.0	535FS10-12.5	535FS10-25	535FS10-50
-	540.0 +3/-0	10 ±2	3/3	55	2.05	7.0	540FS10-12.5	540FS10-25	540FS10-50
-	543.5 +2/-0	10 ±2	3/3	55	2.05	7.0	544FS10-12.5	544FS10-25	544FS10-50
Hg	546.1 +1/-0	5 ±1	2/2	55	1.45	7.0	546FS05-12.5	546FS05-25	546FS05-50
Zn	546.1 +2/-0	10 ±2	3/3	55	2.05	7.0	546FS10-12.5	546FS10-25	546FS10-50
-	550.0 +3/-0	10 ±2	3/3	55	2.05	7.0	550FS10-12.5	550FS10-25	550FS10-50
-	550.0 ±2	20 ±4	3/3	55	1.45	7.0	550FS20-12.5	550FS20-25	550FS20-50
-	550.0 +10/-0	40 ±8	3/3	55	2.05	7.0	550FS40-12.5	550FS40-25	550FS40-50
-	550.0 +20/-10	80 ±16	MDM/9	70	-	7.0	550FS80-12.5	550FS80-25	550FS80-50
-	560.0 +3/-0	10 ±2	3/3	55	2.05	7.0	560FS10-12.5	560FS10-25	560FS10-50
-	570.0 +3/-0	10 ±2	3/3	55	2.05	7.0	570FS10-12.5	570FS10-25	570FS10-50
Hg	577.0 +1/-0	5 ±1	2/2	50	1.45	7.0	577FS05-12.5	577FS05-25	577FS05-50
Hg	577.0 +2/-0	10 ±2	3/3	55	2.05	7.0	577FS10-12.5	577FS10-25	577FS10-50
-	580.0 +3/-0	10 ±2	3/3	55	2.05	7.0	580FS10-12.5	580FS10-25	580FS10-50
Na	589.3 +2/-0	10 ±2	3/3	55	2.05	7.0	589FS10-12.5	589FS10-25	589FS10-50
-	590.0 +3/-0	10 ±2	3/3	55	2.05	7.0	590FS10-12.5	590FS10-25	590FS10-50
-	600.0 +3/-0	10 ±2	2/2	55	2.05	7.0	600FS10-12.5	600FS10-25	600FS10-50
-	600.0 ±2	20 ±4	2/2	55	1.45	7.0	600FS20-12.5	600FS20-25	600FS20-50
-	600.0 +10/-0	40 ±8	3/3	55	2.05	7.0	600FS40-12.5	600FS40-25	600FS40-50
-	600.0 +20/-10	80 ±16	MDM/9	70	-	7.0	600FS80-12.5	600FS80-25	600FS80-50
-	610.0 +3/-0	10 ±2	3/3	55	2.05	7.0	610FS10-12.5	610FS10-25	610FS10-50
-	620.0 +3/-0	10 ±2	3/3	55	2.05	7.0	620FS10-12.5	620FS10-25	620FS10-50
-	630.0 +3/-0	10 ±2	3/3	55	2.05	7.0	630FS10-12.5	630FS10-25	630FS10-50
HeNe Laser	632.8 +0.2/-0	1 ±0.2	2/2	50	2.05	8.5	633FS02-12.5	633FS02-25	633FS02-50
HeNe Laser	632.8 +0.5/-0	3 ±0.5	2/2	50	2.05	8.5	633FS03-12.5	633FS03-25	633FS03-50
HeNe Laser	632.8 +2/-0	10 ±2	3/3	55	2.05	7.0	633FS10-12.5	633FS10-25	633FS10-50
Zn	636.2 +2/-0	10 ±2	3/3	60	2.05	7.0	636FS10-12.5	636FS10-25	636FS10-50
-	640.0 +3/-0	10 ±2	3/3	60	2.05	7.0	640FS10-12.5	640FS10-25	640FS10-50
Kr Laser	647.1 +0.2/-0	1 ±0.2	2/2	50	2.05	8.5	647FS02-12.5	647FS02-25	647FS02-50
Kr Laser	647.1 +0.5/-0	3 ±0.5	2/2	50	2.05	8.5	647FS03-12.5	647FS03-25	647FS03-50
Kr Laser	647.1 +2/-0	10 ±2	3/3	60	2.05	7.0	647FS10-12.5	647FS10-25	647FS10-50
-	650.0 +3/-0	10 ±2	3/3	55	2.05	7.0	650FS10-12.5	650FS10-25	650FS10-50
-	650.0 ±2	20 ±4	3/3	55	2.05	7.0	650FS20-12.5	650FS20-25	650FS20-50
-	650.0 +10/-0	40 ±8	3/3	50	2.05	7.0	650FS40-12.5	650FS40-25	650FS40-50
-	650.0 +20/-10	80 ±16	MDM/9	70	-	7.0	650FS80-12.5	650FS80-25	650FS80-50
Ha	656.3 +0.2/-0	1 ±0.2	2/2	45	2.05	8.5	656FS02-12.5	656FS02-25	656FS02-50
Ha	656.3 +0.5/-0	3 ±0.5	2/2	50	2.05	8.5	656FS03-12.5	656FS03-25	656FS03-50
Ha	656.3 +2/-0	10 ±2	3/3	55	2.05	7.0	656FS10-12.5	656FS10-25	656FS10-50
-	660.0 +3/-0	10 ±2	3/3	55	2.05	7.0	660FS10-12.5	660FS10-25	660FS10-50

MDM= Metal-Dielectric-Metal

STANDARD BANDPASS FILTERS

Line	CWL (nm)	FWHM (nm)	Cavities/ Filter Type	Min. T (%)	N*	Max. Thickness (nm)	Size, Shape & Part Number		
							12.5mm Ø ○	25mm Ø ○	50mm Ø ○
-	670.0 +3/-0	10 ±2	3/3	55	2.05	7.0	670FS10-12.5	670FS10-25	670FS10-50
Li	670.8 +2/-0	10 ±2	3/3	55	2.05	7.0	671FS10-12.5	671FS10-25	671FS10-50
Laser Diode	675.8 +2/-0	10 ±2	3/3	55	2.05	7.0	675FS10-12.5	675FS10-25	675FS10-50
	675.0 ±2	20 ±4	3/3	55	2.05	7.0	675FS20-12.5	675FS20-25	675FS20-50
-	680.0 +3/-0	10 ±2	3/3	55	2.05	7.0	680FS10-12.5	680FS10-25	680FS10-50
-	690.0 +3/-0	10 ±2	3/3	55	2.05	7.0	690FS10-12.5	690FS10-25	690FS10-50
Ruby Laser	694.3 +0.2/-0	1 ±0.2	2/2	45	2.05	8.5	694FS02-12.5	694FS02-25	694FS02-50
Ruby Laser	694.3 +0.5/-0	3 ±0.5	2/2	50	2.05	8.5	694FS03-12.5	694FS03-25	694FS03-50
Ruby Laser	694.3 +2/-0	10 ±2	3/3	55	2.05	7.0	694FS10-12.5	694FS10-25	694FS10-50
-	700.0 +3/-0	10 ±2	3/3	55	2.05	7.0	700FS10-12.5	700FS10-25	700FS10-50
-	700.0 ±2	20 ±4	3/3	55	2.05	7.0	700FS20-12.5	700FS20-25	700FS20-50
-	700.0 +10/-0	40 ±8	3/3	50	2.05	7.0	700FS40-12.5	700FS40-25	700FS40-50
-	700.0 +20/-10	80 ±16	MDM/9	65	-	7.0	700FS80-12.5	700FS80-25	700FS80-50
-	710.0 +3/-0	10 ±2	3/3	55	2.05	7.0	710FS10-12.5	710FS10-25	710FS10-50
-	720.0 +3/-0	10 ±2	3/3	55	2.05	7.0	720FS10-12.5	720FS10-25	720FS10-50
-	730.0 +3/-0	10 ±2	3/3	50	2.05	7.0	730FS10-12.5	730FS10-25	730FS10-50
-	740.0 +3/-0	10 ±2	3/3	50	2.05	7.0	740FS10-12.5	740FS10-25	740FS10-50
-	750.0 +3/-0	10 ±2	3/3	50	2.05	7.0	750FS10-12.5	750FS10-25	750FS10-50
-	750.0 ±2	20 ±4	3/3	50	2.05	7.0	750FS20-12.5	750FS20-25	750FS20-50
-	750.0 +10/-0	40 ±8	3/3	40	2.05	7.0	750FS40-12.5	750FS40-25	750FS40-50
-	750.0 +20/-10	100 ±20	MDM/9	65	-	7.0	750FS00-12.5	750FS00-25	750FS00-50
-	760.0 +3/-0	10 ±2	3/3	50	2.05	7.0	760FS10-12.5	760FS10-25	760FS10-50
K	766.5 +2/-0	10 ±2	3/3	50	2.05	7.0	766FS10-12.5	766FS10-25	766FS10-50
-	770.0 +3/-0	10 ±2	3/3	50	2.05	7.0	770FS10-12.5	770FS10-25	770FS10-50
Rb	780.0 +3/-0	10 ±2	3/3	50	2.05	7.0	780FS10-12.5	780FS10-25	780FS10-50
Laser Diode	780.0 ±2	20 ±4	3/3	50	2.05	7.0	780FS20-12.5	780FS20-25	780FS20-50
-	790.0 +3/-0	10 ±2	3/3	50	2.05	7.0	790FS10-12.5	790FS10-25	790FS10-50
Rb	794.7 +2/-0	10 ±2	3/3	50	2.05	7.0	795FS10-12.5	795FS10-25	795FS10-50
-	800.0 +3/-0	10 ±2	3/3	50	2.05	7.0	800FS10-12.5	800FS10-25	800FS10-50
-	800.0 ±2	20 ±4	3/3	50	2.05	7.0	800FS20-12.5	800FS20-25	800FS20-50
-	800.0 +10/-0	40 ±8	3/3	50	2.05	7.0	800FS40-12.5	800FS40-25	800FS40-50
-	800.0 +20/-10	100 ±20	MDM/9	65	-	7.0	800FS00-12.5	800FS00-25	800FS00-50
Laser Diode	810.0 +3/-0	10 ±2	3/3	50	2.05	7.0	810FS10-12.5	810FS10-25	810FS10-50
Laser Diode	810.0 ±2	20 ±4	3/3	50	2.05	7.0	810FS20-12.5	810FS20-25	810FS20-50
-	820.0 +3/-0	10 ±2	3/3	50	2.05	7.0	820FS10-12.5	820FS10-25	820FS10-50
GaAlAs Laser	830.0 +3/-0	10 ±2	3/3	50	2.05	7.0	830FS10-12.5	830FS10-25	830FS10-50
Laser Diode	830.0 ±2	20 ±4	3/3	50	2.05	7.0	830FS20-12.5	830FS20-25	830FS20-50
-	840.0 +3/-0	10 ±2	3/3	50	2.05	7.0	840FS10-12.5	840FS10-25	840FS10-50
-	850.0 +3/-0	10 ±2	3/3	50	2.05	7.0	850FS10-12.5	850FS10-25	850FS10-50
-	850.0 ±2	20 ±4	3/3	50	2.05	7.0	850FS20-12.5	850FS20-25	850FS20-50
-	850.0 +10/-0	40 ±8	3/3	50	2.05	7.0	850FS40-12.5	850FS40-25	850FS40-50
-	850.0 +20/-10	100 ±20	MDM/9	65	-	7.0	850FS00-12.5	850FS00-25	850FS00-50
-	860.0 +3/-0	10 ±2	3/3	50	2.05	7.0	860FS10-12.5	860FS10-25	860FS10-50

MDM= Metal-Dielectric-Metal

STANDARD BANDPASS FILTERS

Line	CWL (nm)	FWHM (nm)	Cavities/ Filter Type	Min. T (%)	N*	Max. Thickness (nm)	Size, Shape & Part Number		
							12.5mm Ø ○	25mm Ø ○	50mm Ø ○
-	880.0 +3/-0	10 ±2	3/3	50	2.05	7.0	880FS10-12.5	880FS10-25	880FS10-50
-	890.0 +3/-0	10 ±2	3/3	50	2.05	7.0	890FS10-12.5	890FS10-25	890FS10-50
-	900.0 +3/-0	10 ±2	3/3	50	2.05	7.0	900FS10-12.5	900FS10-25	900FS10-50
-	900.0 ±2	20 ±4	3/3	50	2.05	7.0	900FS20-12.5	900FS20-25	900FS20-50
-	900.0 +10/-0	40 ±8	3/3	50	2.05	7.0	900FS40-12.5	900FS40-25	900FS40-50
-	900.0 +20/-10	100 ±20	MDM/9	60	-	7.0	900FS00-12.5	900FS00-25	900FS00-50
GaAs	905.0 +0.2/-0	1 ±0.2	2/2	45	2.05	8.5	905FS02-12.5	905FS02-25	905FS02-50
GaAs	905.0 +0.5/-0	3 ±0.5	2/2	45	2.05	8.5	905FS03-12.5	905FS03-25	905FS03-50
GaAs	905.0 +2/-0	10 ±0.2	3/3	50	2.05	7.0	905FS10-12.5	905FS10-25	905FS10-50
-	910.0 +3/-0	10 ±2	3/3	50	2.05	7.0	910FS10-12.5	910FS10-25	910FS10-50
-	920.0 +3/-0	10 ±2	3/3	50	2.05	7.0	920FS10-12.5	920FS10-25	920FS10-50
-	930.0 +3/-0	10 ±2	3/3	50	2.05	7.0	930FS10-12.5	930FS10-25	930FS10-50
-	940.0 +3/-0	10 ±2	3/3	50	2.05	7.0	940FS10-12.5	940FS10-25	940FS10-50
-	950.0 +3/-0	10 ±2	3/3	50	2.05	7.0	950FS10-12.5	950FS10-25	950FS10-50
-	950.0 ±2	20 ±4	3/3	50	2.05	7.0	950FS20-12.5	950FS20-25	950FS20-50
-	950.0 +10/-0	40 ±8	3/3	50	1.45	7.0	950FS40-12.5	950FS40-25	950FS40-50
-	950.0 +20/-10	100 ±20	MDM/9	60	-	7.0	950FS00-12.5	950FS00-25	950FS00-50
-	960.0 +3/-0	10 ±2	3/3	50	2.05	7.0	960FS10-12.5	960FS10-25	960FS10-50
-	970.0 +3/-0	10 ±2	3/3	50	2.05	7.0	970FS10-12.5	970FS10-25	970FS10-50
-	980.0 +3/-0	10 ±2	3/3	50	2.05	7.0	980FS10-12.5	980FS10-25	980FS10-50
-	990.0 +3/-0	10 ±2	3/3	50	2.05	7.0	990FS10-12.5	990FS10-25	990FS10-50
-	1000.0 +3/-0	10 ±2	3/3	45	2.05	8.5	100FS10-12.5	100FS10-25	100FS10-50
-	1000.0 ±2	20 ±4	3/3	45	2.05	8.5	100FS20-12.5	100FS20-25	100FS20-50
-	1000.0 +10/-0	40 ±8	3/3	45	1.45	8.5	100FS40-12.5	100FS40-25	100FS40-50
-	1000.0 +20/-10	100 ±20	MDM/9	60	-	8.5	100FS00-12.5	100FS00-25	100FS00-50
Hg	1014.0 +2/-0	10 ±2	3/3	45	2.05	8.5	014FS10-12.5	014FS10-25	014FS10-50
-	1046.0 +2/-0	10 ±2	3/3	45	2.05	8.5	046FS10-12.5	046FS10-25	046FS10-50
-	1050.0 +3/-0	10 ±2	3/3	45	2.05	8.5	050FS10-12.5	050FS10-25	050FS10-50
Nd Laser	1064.0 +0.2/-0	1 ±0.2	2/2	40	2.05	8.5	064FS02-12.5	064FS02-25	064FS02-50
Nd/YAG	1064.0 +0.5/-0	3 ±0.5	2/2	45	2.05	8.5	064FS03-12.5	064FS03-25	064FS03-50
Nd/YAG	1064.0 +2/-0	10 ±2	3/3	40	2.05	8.5	064FS10-12.5	064FS10-25	064FS10-50
-	1100.0 +3/-0	10 ±2	3/3	40	2.05	8.5	110FS10-12.5	110FS10-25	110FS10-50
-	1150.0 +3/-0	10 ±2	3/3	40	2.05	8.5	115FS10-12.5	115FS10-25	115FS10-50
-	1200.0 +3/-0	10 ±2	2/2	35	2.05	8.5	120FS10-12.5	120FS10-25	120FS10-50
-	1250.0 +3/-0	10 ±2	2/2	35	2.05	8.5	125FS10-12.5	125FS10-25	125FS10-50
-	1300.0 +3/-0	10 ±2	2/2	35	2.05	8.5	130FS10-12.5	130FS10-25	130FS10-50
-	1300.0 ±3	20 ±5	3/3	35	2.05	8.5	130FS20-12.5	130FS20-25	130FS20-50
-	1350.0 +3/-0	10 ±2	2/2	35	2.05	8.5	135FS10-12.5	135FS10-25	135FS10-50
-	1400.0 +3/-0	10 ±2	2/2	30	2.05	8.5	140FS10-12.5	140FS10-25	140FS10-50
-	1500.0 +3/-0	10 ±2	2/2	30	2.05	8.5	150FS10-12.5	150FS10-25	150FS10-50
-	1500.0 ±3	20 ±5	3/3	30	2.05	8.5	150FS20-12.5	150FS20-25	150FS20-50
-	1550.0 +3/-0	10 ±2	2/2	30	2.05	8.5	155FS10-12.5	155FS10-25	155FS10-50
-	1550.0 ±3	20 ±5	3/3	30	2.05	8.5	155FS20-12.5	155FS20-25	155FS20-50

MDM= Metal-Dielectric-Metal

4 Ways to Order

- Online www.andovercorp.com
- E-mail sales@andovercorp.com
- Fax 603.893.6508
- Call US toll-free 1.888.893.9992 International +00.1.603.893.6888



Pricing

Current prices are available at www.andovercorp.com by clicking on the part numbers for particular items. For a complete price list or a specific quote, please contact our sales department.

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Andover Corporation accepts e-mail, written, and online orders from customers with an open line of credit. New customers must confirm their orders in writing and supply credit references upon request.

Blanket Orders

Andover Corporation can help reduce your inventory by scheduling automatic delivery of your order over time. Complete details are available here: www.andovercorp.com/info

Payment Terms

Net 30 days from date of invoice for customers with established lines of credit. International customers should check with the sales department to determine if prepayment is required. All foreign orders are subject to shipping and banking fees. For blanket orders, please contact our sales department for special terms and conditions. Visa, MasterCard and American Express accepted.

Shipping

Most standard items ship within two days of receipt of an order. All out-of-stock products are shipped within two weeks. For rush orders, One-Day Shipping may be available. All prices are FOB Salem, New Hampshire, USA. Shipments are freight prepaid and billed to the buyer.

Order online for free Ground shipping within the US.

Return Policy

Andover Corporation accepts returns of defective items up to one year from the invoice date. Before returning any items, please contact our Technical Sales Staff for a Return Goods Authorization (RGA) number and complete shipping instructions.



LIMITED WARRANTY

Andover warrants that all products shall conform to the product specifications and shall be free from defects in materials and workmanship for a period of one year from date of purchase. This Limited Warranty shall not apply in the event of any failure caused by accident, misuse, neglect, alteration or improper installation or repair by the purchaser.

DISCLAIMER OF OTHER WARRANTIES. The limited warranty set forth above is in place of other warranties, express or implied, and Andover expressly disclaims all other warranties; including warranties of merchantability and fitness for a particular purpose. Specifically, it is the purchaser's responsibility to test and determine the suitability of the products for purchaser's intended use, which shall be the sole responsibility of the purchaser.

LIMITATION OF REMEDIES AND DAMAGES. Andover's sole obligation and the purchaser's sole and exclusive remedy under the Limited Warranty set forth above shall be limited to (a) replacement of defective products provided that written claim of the defect is sent to Andover within the Limited Warranty period, the original product is returned with transportation prepaid, and Andover's inspection establishes the existence of such defect; or (b) at the sole discretion of Andover, return of the original purchase price received by Andover from the purchaser. Andover shall in no event be liable for any damages, including without limitation, lost profits, incidental or consequential damages by reason of or in connection with the purchase or use of the products.

INDEMNIFICATION. The purchaser agrees to indemnify and hold Andover harmless from and against any claim, loss, cost or expense resulting from purchaser's use of the products, whether such claim arises in contract, tort or otherwise.

GOVERNING LAW. All matters arising under this Limited Warranty and other terms and conditions of sale shall be governed by the laws of the State of New Hampshire. The purchaser consents to the exclusive jurisdiction of the courts of the State of New Hampshire in all matters relating to the purchase, sale and use of the products.



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