

[Home](#) / [Order Standard & Custom Optical Filters & Coatings | Andover](#) / [Bandpass Filters Wavelengths from the UV through the Infrared](#)  
/ [Standard Bandpass Filters | Optical Filters](#) / 500-599nm Bandpass Optical Filters



500-599NM STANDARD BANDPASS OPTICAL FILTERS

Optical bandpass filters are designed to transmit a well-defined band of energy in the electromagnetic spectrum. Andover offers one of the most extensive listings of standard "off-the-shelf" interference filters in this industry. Wavelengths range from the ultraviolet through the near infrared and include many of the primary laser, mercury, biomedical and analytical spectral lines. Standard sizes include 12.5mm Ø, 25.0mm Ø and 50.0mm Ø. All Andover filters are mounted in black anodized metal rings which provide an added measure of protection against chipping, scratching and high humidity conditions. In addition, all filters have their part number permanently engraved on their edge and each filter is supplied with a calibrated spectral bandpass data curve at no-charge. Custom spectral data is available and will be quoted upon request. **Custom shapes and sizes are readily available.**

Our exceptionally high level of stock, and unique processing methods, allow us to ship most items within two days after receipt of an order. If required, rush orders can usually be shipped within one day. All out-of-stock items will be shipped within two weeks after receipt of a purchase order.

We also offer many optical bandpass filters in [hard-coated](#) and [high-transmitting](#) versions. Still can't find what you're looking for? Check our [surplus listings](#) for more options.

Show More Information

General Specifications for Standard Bandpass Filters

Diameter Tolerance:	+0/-0.25nm	
Usable Aperture:	Filter Size	Usable Aperture
	12.5nm Ø	9.0nm Ø
	25.0nm Ø	21.0nm Ø
	50.0nm Ø	45.0nm Ø
Surface Quality:	80-50 (Per MIL-PRF-13830B)	
Optical Quality:	Commercial instrumentation grade	
Out-of-Band Blocking:	1 x 10 <sup>-4</sup> avg. from X-ray to FIR	
Specification Temperature:	+23°C	
Max. Survival Temp Range:	CW/L 214nm-380nm	-50°C to +50°C
	CW/L 380.1nm-2400nm	-50°C to +70°C
Humidity Resistance:	Per MIL-C-48497A	
Mechanical:	Mounted in an anodized aluminum ring	



	PART NO.	DESCRIPTION	1 - 5 pcs.	6 - 10 pcs.	> 10 pcs.	Stock Status	Buy	
▼	500FS10-12.5	500nm Bandpass Filter, HBW 10nm, 12.5mm dia.	\$92.00	\$77.00	\$70.00	In Stock	<input type="text"/>	Buy
▼	500FS10-25	500nm Bandpass Filter, HBW 10nm, 25mm dia.	\$131.00	\$110.00	\$100.00	In Stock	<input type="text"/>	Buy
▼	500FS10-50	500nm Bandpass Filter, HBW 10nm, 50mm dia.	\$326.00	\$274.00	\$248.00	In Stock	<input type="text"/>	Buy
▼	500FS20-12.5	500nm Bandpass Filter, HBW 20nm, 12.5mm dia.	\$92.00	\$77.00	\$70.00	In Stock	<input type="text"/>	Buy
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▼	500FS20-50	500nm Bandpass Filter, HBW 20nm, 50mm dia.	\$291.00	\$244.00	\$221.00	In Stock	<input type="text"/>	Buy
▼	500FS40-12.5	500nm Bandpass Filter, HBW 40nm, 12.5mm dia.	\$92.00	\$77.00	\$70.00	In Stock	<input type="text"/>	Buy
▼	500FS40-25	500nm Bandpass Filter, HBW 40nm, 25mm dia.	\$131.00	\$110.00	\$100.00	In Stock	<input type="text"/>	Buy
▼	500FS40-50	500nm Bandpass Filter, HBW 40nm, 50mm dia.	\$291.00	\$244.00	\$221.00	In Stock	<input type="text"/>	Buy
▼	500FS80-12.5	500nm Bandpass Filter, HBW 80nm, 12.5mm dia.	\$92.00	\$77.00	\$70.00	In Stock	<input type="text"/>	Buy
▼	500FS80-25	500nm Bandpass Filter, HBW 80nm, 25mm dia.	\$131.00	\$110.00	\$100.00	In Stock	<input type="text"/>	Buy
▼	500FS80-50	500nm Bandpass Filter, HBW 80nm, 50mm dia.	\$291.00	\$244.00	\$221.00	In Stock	<input type="text"/>	Buy
▼	508FS10-12.5	508.5nm Bandpass Filter, HBW 10nm, 12.5mm dia.	\$92.00	\$77.00	\$70.00	In Stock	<input type="text"/>	Buy
▼	508FS10-25	508.5nm Bandpass Filter, HBW 10nm, 25mm dia.	\$131.00	\$110.00	\$100.00	In Stock	<input type="text"/>	Buy
▼	508FS10-50	508.5nm Bandpass Filter, HBW 10nm, 50mm dia.	\$326.00	\$274.00	\$248.00	In Stock	<input type="text"/>	Buy
▼	510FS10-12.5	510.0nm Bandpass Filter, HBW 10.0nm, 12.5mm dia.	\$92.00	\$77.00	\$70.00	In Stock	<input type="text"/>	Buy
▼	510FS10-25	510nm Bandpass Filter, HBW 10nm, 25mm dia.	\$131.00	\$110.00	\$100.00	In Stock	<input type="text"/>	Buy
▼	515FS02-12.5	514.5nm Bandpass Filter, HBW 1nm, 12.5mm dia.	\$208.00	\$175.00	\$158.00	In Stock	<input type="text"/>	Buy
▼	515FS02-25	514.5nm Bandpass Filter, HBW 1nm, 25mm dia.	\$309.00	\$260.00	\$235.00	In Stock	<input type="text"/>	Buy



▼	515FS02-50	514.5nm Bandpass Filter, HBW 1nm, 50mm dia.	\$563.00	\$473.00	\$428.00	In Stock	<input type="text"/>	<a href="#">Buy</a>
▼	515FS03-12.5	514.5nm Bandpass Filter, HBW 3nm, 12.5mm dia.	\$142.00	\$119.00	\$108.00	In Stock	<input type="text"/>	<a href="#">Buy</a>
▼	515FS03-25	514.5nm Bandpass Filter, HBW 3nm, 25mm dia.	\$229.00	\$192.00	\$174.00	In Stock	<input type="text"/>	<a href="#">Buy</a>
▼	515FS03-50	514.5nm Bandpass Filter, HBW 3nm, 50mm dia.	\$418.00	\$351.00	\$318.00	In Stock	<input type="text"/>	<a href="#">Buy</a>
▼	515FS10-12.5	514.5nm Bandpass Filter, HBW 10nm, 12.5mm dia.	\$92.00	\$77.00	\$70.00	In Stock	<input type="text"/>	<a href="#">Buy</a>
▼	515FS10-25	514.5nm Bandpass Filter, HBW 10nm, 25mm dia.	\$131.00	\$110.00	\$100.00	In Stock	<input type="text"/>	<a href="#">Buy</a>
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▼	520FS10-12.5	520nm Bandpass Filter, HBW 10nm, 12.5mm dia.	\$92.00	\$77.00	\$70.00	In Stock	<input type="text"/>	<a href="#">Buy</a>
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▼	532FS02-12.5	532nm Bandpass Filter, HBW 1nm, 12.5mm dia.	\$208.00	\$175.00	\$158.00	In Stock	<input type="text"/>	<a href="#">Buy</a>
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	546FS05-12.5	546.1nm Bandpass Filter, HBW 5nm, 12.5mm dia.	\$123.00	\$103.00	\$93.00	In Stock	<input type="text"/>	<a href="#">Buy</a>
	546FS05-25	546.1nm Bandpass Filter, HBW 5nm, 25mm dia.	\$189.00	\$159.00	\$144.00	In Stock	<input type="text"/>	<a href="#">Buy</a>
	546FS05-50	546.1nm Bandpass Filter, HBW 5nm, 50mm dia.	\$291.00	\$244.00	\$221.00	In Stock	<input type="text"/>	<a href="#">Buy</a>
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589FS10-12.5	589.3nm Bandpass Filter, HBW 10nm, 12.5mm dia.	\$92.00	\$77.00	\$70.00	In Stock	<input type="text"/>	<a href="#">Buy</a>
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