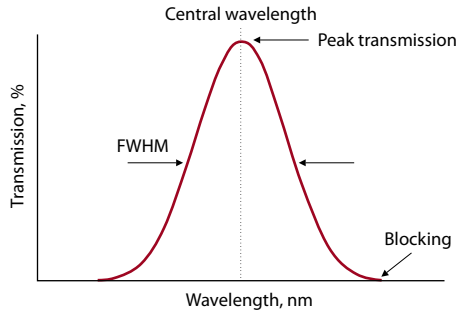


# 14IF Interference Filters

Standa supplies high quality standard and custom-made interference filters within the spectral range from 250 nm to 5000 nm. We also offer biomedical bandpass filters, which are specially designed for biomedical instrumentation, including chemistry analyzers and microplate readers. These bandpass filters include standard or custom matched filters. Fluorescence filters, which we can supply includes such features as steep slopes, deep blocking (up to OD 6), minimal spectral crosstalk, high transmission and environmental durability.



## FEATURES

- In general interference filters are used as wavelength selectors in astrophysics, clinical chemistry, material analysis, quality control, and in general purpose laboratory colorimeters and other applications

OPTICAL SUBSTRATES

LENSES

PRISMS

DIELECTRIC  
COATED OPTICSMETALLIC  
COATED OPTICS

FILTERS

OFF-AXIS MIRRORS

VARIABLE  
REFLECTIVITY MIRRORSNON POLARIZING  
BEAMSPLITTER CUBES

POLARIZING OPTICS

ADAPTIVE OPTICAL  
SYSTEMS

COATINGS SECTION

## STANDARD SPECIFICATIONS

Bandwidth Tolerance	±20% maximal
Blocking	<0.01%
Mount Diameter	25.4 mm
Clear Aperture	>18 mm
Temperature Limits	-50 °C to 80 °C

## VIS NARROW BANDPASS INTERFERENCE FILTERS

Central wavelength, nm	Bandwidth (FWHM), nm	Peak Transmittance, %	Ordering Code
405	10	35	14IF35-405-10
415	10	40	14IF40-415-10
450	10	50	14IF50-450-10
488	3	50	14IF50-488-3
505	10	50	14IF50-505-10
510	10	50	14IF50-510-10
515	10	50	14IF50-515-10
532	10	50	14IF50-532-10
546	10	50	14IF50-546-10
550	10	50	14IF50-550-10
570	10	50	14IF50-570-10
590	10	50	14IF50-590-10
600	10	50	14IF50-600-10
620	10	50	14IF50-620-10
633	11	50	14IF50-633-11
650	11	50	14IF50-650-11
670	11	50	14IF50-670-11
690	11	50	14IF50-690-11

## UV BANDPASS INTERFERENCE FILTERS

Central wavelength, nm	Bandwidth (FWHM), nm	Peak Transmittance, %	Ordering Code
228	12	10	14IF10-228-12
232	12	10	14IF10-232-12
239	12	10	14IF10-239-12
254	12	12	14IF12-254-12
265	12	12	14IF12-265-12
280	12	12	14IF12-280-12
289	12	12	14IF12-289-12
297	12	12	14IF12-297-12
312	12	15	14IF15-312-12
326	12	15	14IF15-326-12
334	12	15	14IF15-334-12
340	11	40	14IF40-340-11
352	12	35	14IF35-352-12
365	12	35	14IF35-365-12
380	12	35	14IF35-380-12

## NIR NARROW BANDPASS INTERFERENCE FILTERS

Central wavelength, nm	Bandwidth (FWHM), nm	Peak Transmittance, %	Ordering Code
766	11	45	14IF45-766-11
780	11	45	14IF45-780-11
795	11	45	14IF45-795-11
830	12	45	14IF45-830-12
850	12	45	14IF45-850-12
880	12	45	14IF45-880-12
905	12	45	14IF45-905-12
940	13	45	14IF45-940-13
1060	10	45	14IF45-1060-10
1064	10	45	14IF45-1064-10
1152	11	45	14IF45-766-11
1310	12	45	14IF45-1310-12
1320	12	45	14IF45-1320-12
1523	10	45	14IF45-1523-10
1550	10	45	14IF45-1550-10

## CODE EXAMPLE FOR ORDERING

# 14IF35-352-12

Peak  
Transmittance

Bandwidth

Central  
Wavelength

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