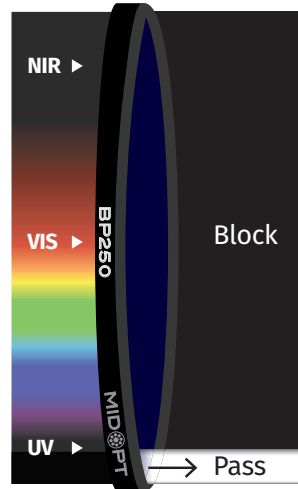
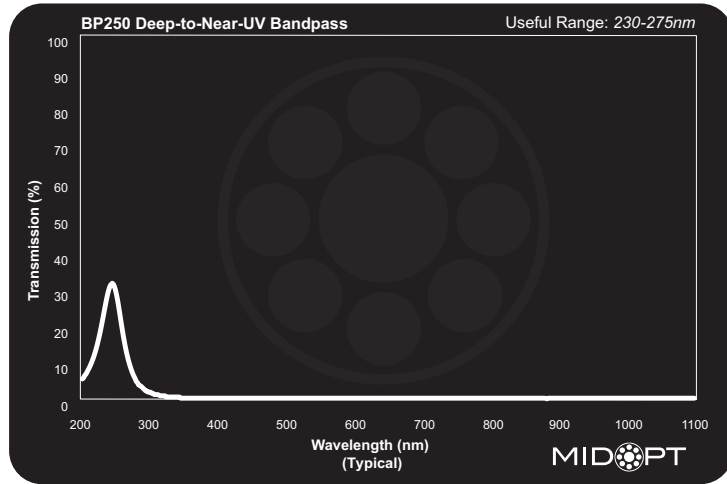


# BP250 DEEP-TO-NEAR UV BANDPASS

WWW.MIDOPT.COM  
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Useful Range: 230-275nm

FWHM: 70nm

Peak Transmission: ≥30%

Surface Quality: 40/20

The BP250 filter is a very broadband UV filter, mainly intended for deep-UV imaging. It is the only MidOpt UV filter available that offers excellent visible and near-IR blocking, thus making it best suited to distinguish features or characteristics that are only visible under UV illumination.

Offered in a limited number of sizes, and not intended for use with standard CCD/CMOS cameras that do not image deep into the UV spectrum.

## BP250 DATA POINTS (TYPICAL)

Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)
1100	0.01	920	0.02	740	0.01	560	0.00	380	0.10
1090	-0.01	910	0.02	730	0.00	550	0.00	370	0.13
1080	-0.02	900	0.01	720	0.00	540	0.00	360	0.18
1070	-0.01	890	0.05	710	0.00	530	0.01	350	0.23
1060	-0.03	880	0.02	700	0.00	520	0.01	340	0.34
1050	-0.02	870	0.02	690	0.00	510	0.00	330	0.47
1040	-0.03	860	0.00	680	0.00	500	0.01	320	0.73
1030	-0.02	850	0.01	670	0.01	490	0.01	310	1.13
1020	-0.02	840	0.01	660	0.00	480	0.01	300	1.79
1010	-0.02	830	0.01	650	0.01	470	0.02	290	3.04
1000	-0.03	820	0.01	640	0.00	460	0.02	280	5.55
990	-0.01	810	0.00	630	0.01	450	0.02	270	10.77
980	-0.01	800	0.00	620	0.00	440	0.03	260	20.55
970	0.00	790	0.00	610	0.00	430	0.03	250	30.77
960	-0.01	780	0.00	600	0.00	420	0.04	240	28.92
950	-0.01	770	0.01	590	0.01	410	0.05	230	19.36
940	-0.03	760	0.00	580	0.00	400	0.06	220	11.83
930	0.00	750	0.00	570	0.01	390	0.08	210	7.49
								200	5.08

\*Due to continuous product improvement, specifications are subject to change without notice. For the most up-to-date information visit [www.midopt.com](http://www.midopt.com)

## FILTER MOUNT & SIZE OPTIONS

### Threaded Mount



For lenses with filter threads; Mount Sizes M13.25 - M105

Part #	Thread Dia x Pitch	Part #	Thread Dia x Pitch
BP250-13.25	M13.25 x P0.5	BP250-46	M46 x P0.75
BP250-22.5	M22.5 x P0.5	BP250-48	M48 x P0.75
BP250-25.4	M25.4 x P32TPI	BP250-49	M49 x P0.75
BP250-25.5	M25.5 x P0.5	BP250-52	M52 x P0.75
BP250-27	M27 x P0.5	BP250-55	M55 x P0.75
BP250-30.5	M30.5 x P0.5	BP250-58	M58 x P0.75
BP250-34	M34 x P0.5	BP250-62	M62 x P0.75
BP250-35.5	M35.5 x P0.5	BP250-67	M67 x P0.75
BP250-37	M37 x P0.75	BP250-72	M72 x P0.75
BP250-37.5	M37.5 x P0.5	BP250-77	M77 x P0.75
BP250-39	M39 x P0.5	BP250-82	M82 x P0.75
BP250-40.5	M40.5 x P0.5	BP250-86	M86 x P1.0
BP250-43	M43 x P0.75	BP250-95	M95 x P1.0
		BP250-105	M105 x P1.0

### 25.4™ C-Mount



Threads between lens and sensor

Part #: BP324-25.4

### Slip Mount



- Designed for lenses without filter threads, varifocal and wide-angle lenses
- Includes locking set screws to secure adapter to lens

#### Create Part #

Use "S" and add the outside diameter of lens in mm (ex: 43mm)

Example: BP250-S43