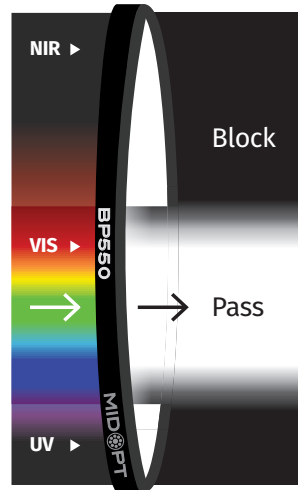
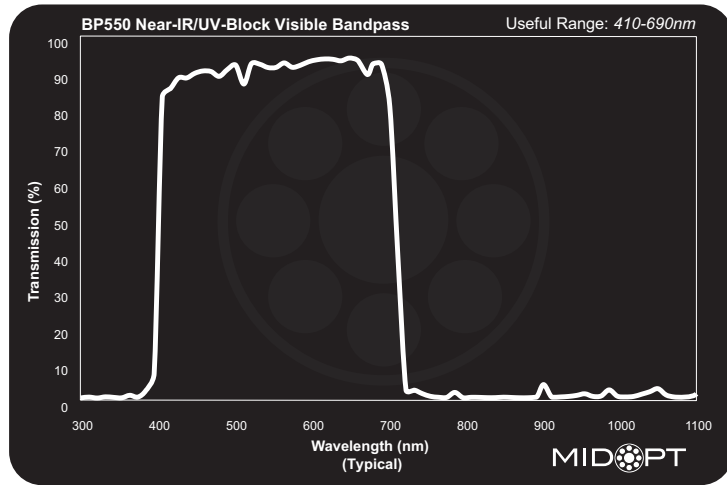


BP550 NIR/UV BLOCK-VISIBLE BANDPASS

WWW.MIDOPT.COM
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Useful Range: 410-690nm

FWHM: 300nm

Peak Transmission: ≥90%

Surface Quality: 40/20

BP550 filters effectively pass all visible light and block all light outside the visible range without "discoloring" the image. This single substrate, hard-coated filter is designed for use in full color, white light applications where either IR or UV light (or both) may be present.

- Made using a low expansion glass substrate to withstand high temperatures
- Normal thickness is 2mm, but can also be supplied in 1mm thickness and a variety of custom, unmounted size and substrate options, particularly for over-the-camera-sensor applications

BP550 DATA POINTS (TYPICAL)

Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)
1100	0.75	910	0.65	720	9.64	530	93.89
1090	0.70	900	1.37	710	27.37	520	89.54
1080	0.75	890	4.95	700	64.76	510	93.94
1070	0.86	880	2.26	690	77.73	500	95.36
1060	0.90	870	0.29	680	91.50	490	95.31
1050	0.75	860	0.39	670	88.72	480	96.80
1040	0.47	850	0.59	660	95.40	470	95.64
1030	0.26	840	1.29	650	93.79	460	96.21
1020	0.14	830	1.34	640	94.54	450	95.87
1010	0.09	820	0.62	630	96.32	440	93.86
1000	0.08	810	0.46	620	96.23	430	93.78
990	0.09	800	0.63	610	94.92	420	89.96
980	0.11	790	1.35	600	95.20	410	83.73
970	0.23	780	1.69	590	93.50	400	41.08
960	0.50	770	1.17	580	95.21	390	2.00
950	1.12	760	1.18	570	96.26	380	0.09
940	0.78	750	2.33	560	96.48	370	0.01
930	0.33	740	5.90	550	96.53	360	0.00
920	0.25	730	7.43	540	95.97	350	0.00

*Due to continuous product improvement, specifications are subject to change without notice. For the most up-to-date information visit 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
BP550-13.25	M13.25 x P0.5	BP550-46	M46 x P0.75
BP550-22.5	M22.5 x P0.5	BP550-48	M48 x P0.75
BP550-25.4	M25.4 x P32TPI	BP550-49	M49 x P0.75
BP550-25.5	M25.5 x P0.5	BP550-52	M52 x P0.75
BP550-27	M27 x P0.5	BP550-55	M55 x P0.75
BP550-30.5	M30.5 x P0.5	BP550-58	M58 x P0.75
BP550-34	M34 x P0.5	BP550-62	M62 x P0.75
BP550-35.5	M35.5 x P0.5	BP550-67	M67 x P0.75
BP550-37	M37 x P0.75	BP550-72	M72 x P0.75
BP550-37.5	M37.5 x P0.5	BP550-77	M77 x P0.75
BP550-39	M39 x P0.5	BP550-82	M82 x P0.75
BP550-40.5	M40.5 x P0.5	BP550-86	M86 x P1.0
BP550-43	M43 x P0.75	BP550-95	M95 x P1.0
		BP550-105	M105 x P1.0

25.4™ C-Mount



Threads between lens and sensor

Part #: BP550-25.4

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: BP550-S43

Unmounted

Custom shapes & sizes available

Create Part #

CIRCLE: Use "D" and add diameter in mm (ex: 19mm)

Example: BP550-D19

RECTANGLE: Use "R" and add length in mm (ex: 30mm) x width in mm (ex: 15mm)

Example: BP550-R30x15

SQUARE: Use "R" and add side measurement in mm (ex: 15mm)

Example: BP550-R15