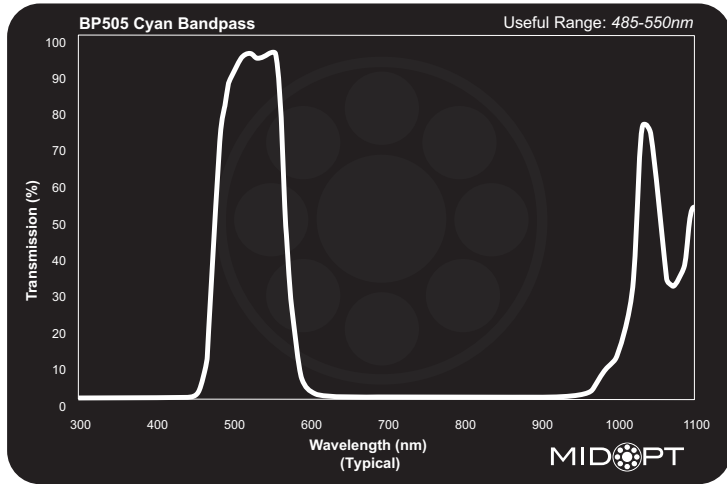
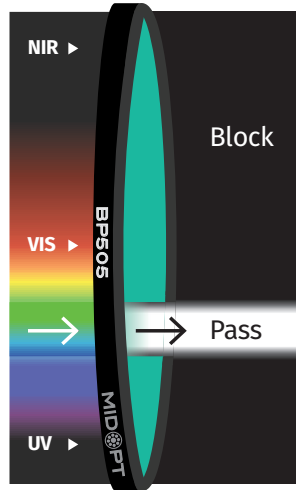


BP505 CYAN BANDPASS

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BP505 are single substrate, hard-coated filters designed to match the output of most cyan LEDs. Coupled with the spectral sensitivity of most CCD/CMOS sensors in use today that also peak in this range, using this filter can result in images that are especially bright and very high in contrast. It is particularly useful for line scan/wide angle applications.



Useful Range: 485-550nm

FWHM: 90nm

Peak Transmission: ≥90%

Surface Quality: 40/20

Compatible LED: 505nm

StableEDGE™

BP505 DATA POINTS (TYPICAL)

Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)
1100	30.20	910	0.43	720	0.15	530	92.43
1090	27.43	900	0.30	710	0.11	520	91.24
1080	31.29	890	0.55	700	0.16	510	91.80
1070	44.60	880	0.44	690	0.30	500	91.30
1060	58.77	870	0.19	680	0.19	490	82.61
1050	55.04	860	0.02	670	0.11	480	60.10
1040	34.74	850	0.02	660	0.14	470	17.96
1030	18.14	840	0.02	650	0.34	460	0.56
1020	11.77	830	0.02	640	0.36	450	0.01
1010	8.93	820	0.06	630	0.26	440	0.02
1000	5.70	810	0.27	620	0.52	430	0.02
990	2.62	800	0.44	610	1.80	420	0.01
980	0.95	790	0.12	600	1.97	410	0.01
970	0.36	780	0.07	590	3.60	400	0.01
960	0.18	770	0.06	580	19.87	390	0.01
950	0.18	760	0.08	570	39.53	380	0.01
940	0.13	750	0.15	560	72.33	370	0.01
930	0.32	740	0.45	550	92.06	360	0.01
920	0.33	730	0.40	540	91.76	350	0.01

*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
BP505-13.25	M13.25 x P0.5	BP505-46	M46 x P0.75
BP505-22.5	M22.5 x P0.5	BP505-48	M48 x P0.75
BP505-25.4	M25.4 x P32TPI	BP505-49	M49 x P0.75
BP505-25.5	M25.5 x P0.5	BP505-52	M52 x P0.75
BP505-27	M27 x P0.5	BP505-55	M55 x P0.75
BP505-30.5	M30.5 x P0.5	BP505-58	M58 x P0.75
BP505-34	M34 x P0.5	BP505-62	M62 x P0.75
BP505-35.5	M35.5 x P0.5	BP505-67	M67 x P0.75
BP505-37	M37 x P0.75	BP505-72	M72 x P0.75
BP505-37.5	M37.5 x P0.5	BP505-77	M77 x P0.75
BP505-39	M39 x P0.5	BP505-82	M82 x P0.75
BP505-40.5	M40.5 x P0.5	BP505-86	M86 x P1.0
BP505-43	M43 x P0.75	BP505-95	M95 x P1.0
		BP505-105	M105 x P1.0

25.4™ C-Mount



Threads between lens and sensor

Part #: BP505-25.4

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: BP505-S43

Unmounted

Custom shapes & sizes available

Create Part #

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

Example: BP505-D19

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

Example: BP505-R30x15

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

Example: BP505-R15