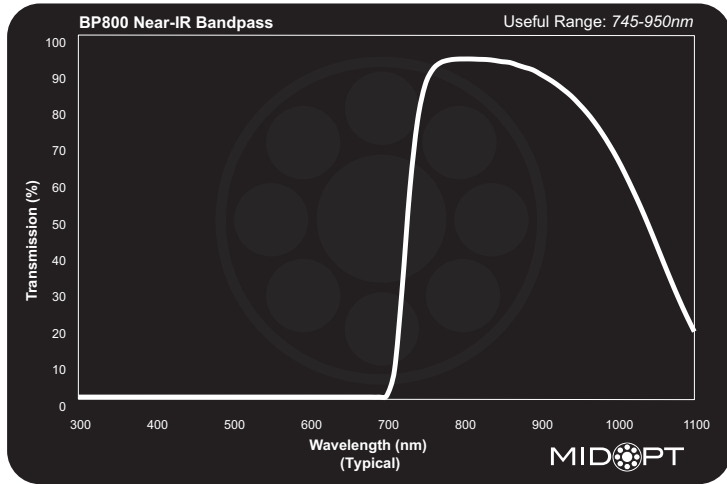
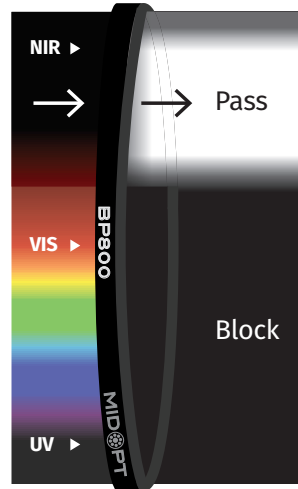


BP800 NEAR-IR BANDPASS

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Recommended for use with broadband (typically filtered) near-infrared lighting, this single substrate, anti-reflection coated filter is a very broad absorptive filter. Among all absorptive filter glasses, it is unique in its ability to retain its opacity at thicknesses of 1mm and below.



Useful Range: 745-950nm

FWHM: 315nm

Peak Transmission: ≥90%

Surface Quality: 40/20

Compatible LED: 800nm

StableEDGE™

BP800 DATA POINTS (TYPICAL)

Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)
1100	15.99	910	86.18	720	42.18	530	0.00
1090	19.63	900	87.31	710	15.37	520	0.00
1080	24.21	890	88.27	700	2.08	510	0.00
1070	29.23	880	89.08	690	0.05	500	0.00
1060	34.50	870	89.75	680	0.00	490	0.00
1050	39.98	860	90.27	670	0.00	480	0.00
1040	45.47	850	90.64	660	0.00	470	0.00
1030	50.90	840	90.98	650	0.00	460	0.00
1020	56.13	830	91.50	640	0.00	450	0.00
1010	60.88	820	91.89	630	0.00	440	0.00
1000	65.17	810	91.96	620	0.00	430	0.00
990	68.68	800	92.18	610	0.00	420	0.00
980	72.01	790	92.45	600	0.00	410	0.00
970	74.92	780	92.28	590	0.00	400	0.00
960	77.48	770	92.09	580	0.00	390	0.00
950	79.72	760	91.06	570	0.00	380	0.00
940	81.68	750	88.20	560	0.00	370	0.01
930	83.39	740	81.19	550	0.00	360	0.00
920	84.88	730	66.89	540	0.00	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
BP800-13.25	M13.25 x P0.5	BP800-46	M46 x P0.75
BP800-22.5	M22.5 x P0.5	BP800-48	M48 x P0.75
BP800-25.4	M25.4 x P32TPI	BP800-49	M49 x P0.75
BP800-25.5	M25.5 x P0.5	BP800-52	M52 x P0.75
BP800-27	M27 x P0.5	BP800-55	M55 x P0.75
BP800-30.5	M30.5 x P0.5	BP800-58	M58 x P0.75
BP800-34	M34 x P0.5	BP800-62	M62 x P0.75
BP800-35.5	M35.5 x P0.5	BP800-67	M67 x P0.75
BP800-37	M37 x P0.75	BP800-72	M72 x P0.75
BP800-37.5	M37.5 x P0.5	BP800-77	M77 x P0.75
BP800-39	M39 x P0.5	BP800-82	M82 x P0.75
BP800-40.5	M40.5 x P0.5	BP800-86	M86 x P1.0
BP800-43	M43 x P0.75	BP800-95	M95 x P1.0
		BP800-105	M105 x P1.0

25.4™ C-Mount



Threads between lens and sensor

Part #: BP800-25.4

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: BP800-S43

Unmounted

Custom shapes & sizes available

Create Part

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

Example: BP800-D19

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

Example: BP800-R30x15

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

Example: BP800-R15