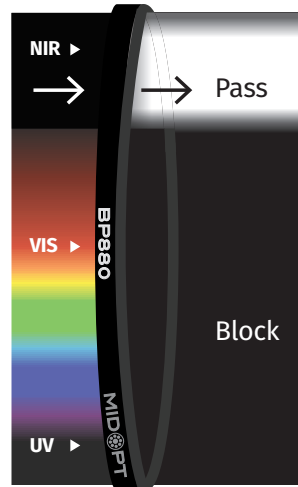
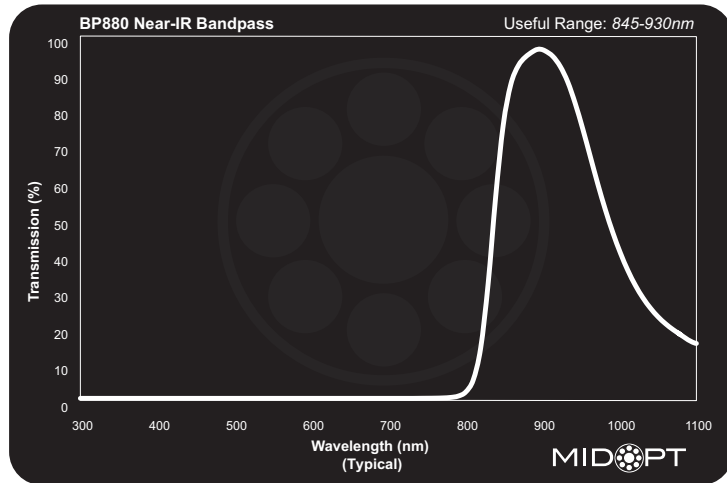


BP880 NEAR-IR BANDPASS

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MIDOPT
MIDWEST OPTICAL SYSTEMS, INC.



Useful Range: 845-930nm

FWHM: 130nm

Peak Transmission: ≥90%

Surface Quality: 40/20

Compatible LED: 880nm

StableEDGE™

Recommended when using high-power 860-880nm infrared LED lighting or 905-920nm laser diodes, this filter also features high peak transmission and rugged coatings that provide added environmental stability.

BP880 DATA POINTS (TYPICAL)

Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)
1100	14.25	910	94.94	720	0.00	530	0.00
1090	14.87	900	97.21	710	0.00	520	0.00
1080	15.75	890	97.99	700	0.00	510	0.00
1070	16.81	880	97.30	690	0.00	500	0.00
1060	18.12	870	95.13	680	0.00	490	0.00
1050	19.74	860	91.47	670	0.00	480	0.00
1040	21.72	850	83.73	660	0.00	470	0.00
1030	24.19	840	67.51	650	0.00	460	0.00
1020	27.27	830	41.96	640	0.00	450	0.00
1010	30.97	820	17.15	630	0.00	440	0.00
1000	35.45	810	4.09	620	0.00	430	0.00
990	40.73	800	0.66	610	0.00	420	0.00
980	47.00	790	0.09	600	0.00	410	0.00
970	54.19	780	0.02	590	0.00	400	0.00
960	61.90	770	0.01	580	0.00	390	0.00
950	70.04	760	0.00	570	0.00	380	0.00
940	78.29	750	0.00	560	0.00	370	0.00
930	85.87	740	0.00	550	0.00	360	0.00
920	91.19	730	0.00	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
BP880-13.25	M13.25 x P0.5	BP880-46	M46 x P0.75
BP880-22.5	M22.5 x P0.5	BP880-48	M48 x P0.75
BP880-25.4	M25.4 x P32TPI	BP880-49	M49 x P0.75
BP880-25.5	M25.5 x P0.5	BP880-52	M52 x P0.75
BP880-27	M27 x P0.5	BP880-55	M55 x P0.75
BP880-30.5	M30.5 x P0.5	BP880-58	M58 x P0.75
BP880-34	M34 x P0.5	BP880-62	M62 x P0.75
BP880-35.5	M35.5 x P0.5	BP880-67	M67 x P0.75
BP880-37	M37 x P0.75	BP880-72	M72 x P0.75
BP880-37.5	M37.5 x P0.5	BP880-77	M77 x P0.75
BP880-39	M39 x P0.5	BP880-82	M82 x P0.75
BP880-40.5	M40.5 x P0.5	BP880-86	M86 x P1.0
BP880-43	M43 x P0.75	BP880-95	M95 x P1.0
		BP880-105	M105 x P1.0

25.4™ C-Mount



Threads between lens and sensor

Part #: BP880-25.4

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: BP880-S43

Unmounted

Custom shapes & sizes available

Create Part #

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

Example: BP880-D19

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

Example: BP880-R30x15

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

Example: BP880-R15