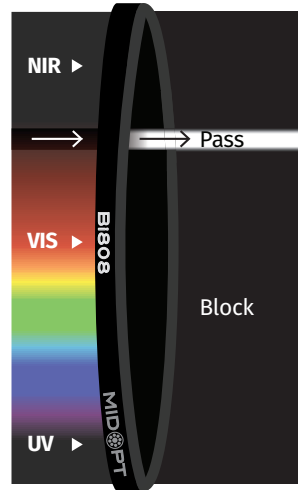
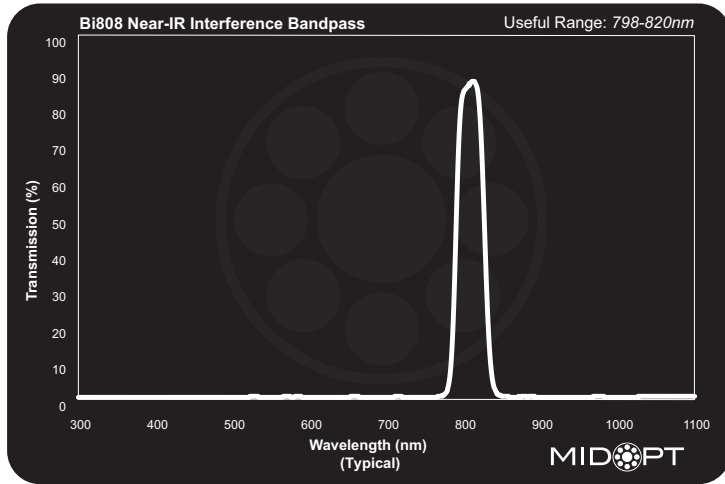


Bi808 NEAR-IR INTERFERENCE BANDPASS

WWW.MIDOPT.COM
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Useful Range: 798-820nm

FWHM: 35nm

Peak Transmission: ≥85%

Surface Quality: 40/20

FILTER MOUNT & SIZE OPTIONS

Threaded Mount



For lenses with filter threads; Mount Sizes M13.25 - M82

Part #	Thread Dia x Pitch	Part #	Thread Dia x Pitch
Bi808-13.25	M13.25 x P0.5	Bi808-43	M43 x P0.75
Bi808-22.5	M22.5 x P0.5	Bi808-46	M46 x P0.75
Bi808-25.4	M25.4 x P32TPI	Bi808-48	M48 x P0.75
Bi808-25.5	M25.5 x P0.5	Bi808-49	M49 x P0.75
Bi808-27	M27 x P0.5	Bi808-52	M52 x P0.75
Bi808-30.5	M30.5 x P0.5	Bi808-55	M55 x P0.75
Bi808-34	M34 x P0.5	Bi808-58	M58 x P0.75
Bi808-35.5	M35.5 x P0.5	Bi808-62	M62 x P0.75
Bi808-37	M37 x P0.75	Bi808-67	M67 x P0.75
Bi808-37.5	M37.5 x P0.5	Bi808-72	M72 x P0.75
Bi808-39	M39 x P0.5	Bi808-77	M77 x P0.75
Bi808-40.5	M40.5 x P0.5	Bi808-82	M82 x P0.75

25.4™ C-Mount



Threads between lens and sensor

Part #: Bi808-25.4

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: Bi808-S43

Unmounted

Custom shapes & sizes available

Create Part #

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

Example: Bi808-D19

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

Example: Bi808-R30x15

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

Example: Bi808-R15

Bi808 DATA POINTS (TYPICAL)

Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)
1100	0.43	940	0.07	780	2.77	620	0.11	460	0.02
1090	0.32	930	0.09	770	0.29	610	0.04	450	0.06
1080	0.30	920	0.04	760	0.11	600	0.06	440	0.04
1070	0.34	910	0.05	750	0.10	590	0.18	430	0.01
1060	0.38	900	0.08	740	0.05	580	0.17	420	0.03
1050	0.37	890	0.20	730	0.04	570	0.30	410	0.01
1040	0.32	880	0.18	720	0.20	560	0.06	400	0.01
1030	0.22	870	0.11	710	0.17	550	0.01	390	0.01
1020	0.11	860	0.17	700	0.15	540	0.03	380	0.00
1010	0.06	850	0.38	690	0.13	530	0.38	370	0.01
1000	0.03	840	2.62	680	0.09	520	0.08	360	0.01
990	0.07	830	30.33	670	0.09	510	0.04	350	0.00
980	0.24	820	81.33	660	0.25	500	0.03	340	0.00
970	0.20	810	86.55	650	0.06	490	0.06	330	-0.01
960	0.07	800	83.68	640	0.00	480	0.06	320	0.01
950	0.06	790	43.31	630	0.02	470	0.10	310	0.03
								300	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