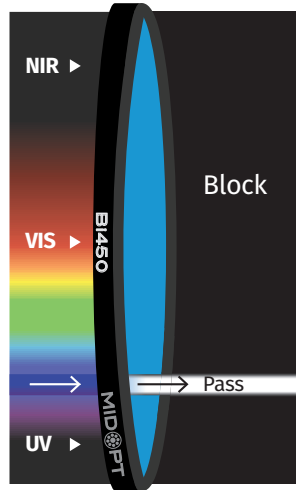
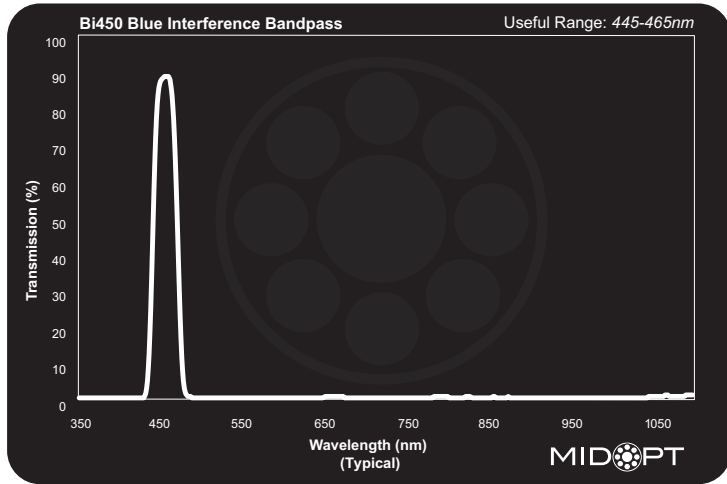


Bi450 BLUE INTERFERENCE BANDPASS

WWW.MIDOPT.COM
INFO@MIDOPT.COM



Useful Range: 445-465nm

FWHM: 35nm

Peak Transmission: ≥88%

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
Bi450-13.25	M13.25 x P0.5	Bi450-43	M43 x P0.75
Bi450-22.5	M22.5 x P0.5	Bi450-46	M46 x P0.75
Bi450-25.4	M25.4 x P32TPI	Bi450-48	M48 x P0.75
Bi450-25.5	M25.5 x P0.5	Bi450-49	M49 x P0.75
Bi450-27	M27 x P0.5	Bi450-52	M52 x P0.75
Bi450-30.5	M30.5 x P0.5	Bi450-55	M55 x P0.75
Bi450-34	M34 x P0.5	Bi450-58	M58 x P0.75
Bi450-35.5	M35.5 x P0.5	Bi450-62	M62 x P0.75
Bi450-37	M37 x P0.75	Bi450-67	M67 x P0.75
Bi450-37.5	M37.5 x P0.5	Bi450-72	M72 x P0.75
Bi450-39	M39 x P0.5	Bi450-77	M77 x P0.75
Bi450-40.5	M40.5 x P0.5	Bi450-82	M82 x P0.75

25.4™ C-Mount



Threads between lens and sensor

Part #: Bi450-25.4

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: Bi450-S43

Unmounted

Custom shapes & sizes available

Create Part #

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

Example: Bi450-D19

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

Example: Bi450-R30x15

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

Example: Bi450-R15

Bi450 DATA POINTS (TYPICAL)

Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)
1100	0.93	910	0.01	720	0.10	530	0.16
1090	0.59	900	0.01	710	0.11	520	0.12
1080	0.55	890	0.08	700	0.02	510	0.06
1070	0.63	880	0.13	690	0.04	500	0.03
1060	0.52	870	0.17	680	0.08	490	0.15
1050	0.27	860	0.19	670	0.25	480	1.11
1040	0.16	850	0.13	660	0.24	470	45.15
1030	0.15	840	0.06	650	0.22	460	88.59
1020	0.18	830	0.19	640	0.08	450	88.44
1010	0.18	820	0.20	630	0.05	440	49.73
1000	0.10	810	0.10	620	0.03	430	0.67
990	0.09	800	0.23	610	0.03	420	0.16
980	0.12	790	0.34	600	0.16	410	0.06
970	0.15	780	0.16	590	0.08	400	0.09
960	0.08	770	0.12	580	0.05	390	0.06
950	0.05	760	0.16	570	0.04	380	0.03
940	0.12	750	0.04	560	0.05	370	0.01
930	0.13	740	0.04	550	0.09	360	0.00
920	0.04	730	0.10	540	0.07	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