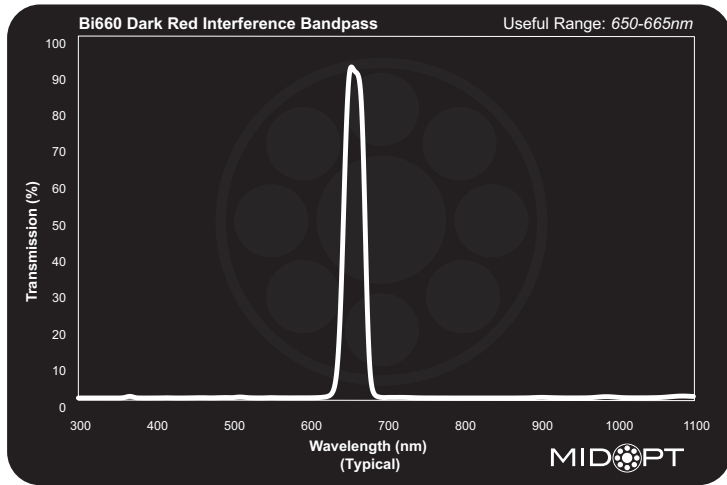
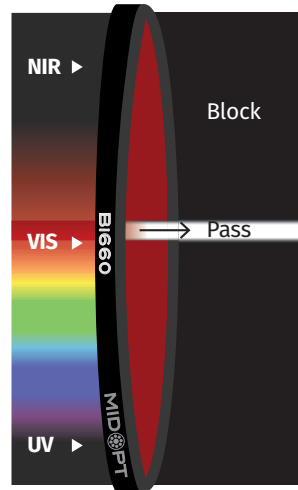


Bi660 DARK RED INTERFERENCE BANDPASS

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A Bi660 filter is recommended for use with dark red laser diodes and LED lighting operating in the 660-670nm range. Commonly used in situations where ambient light can be overwhelming or separation from other red lighting wavelengths is needed.



Useful Range: 650-665nm

FWHM: 28nm

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
Bi660-13.25	M13.25 x P0.5	Bi660-43	M43 x P0.75
Bi660-22.5	M22.5 x P0.5	Bi660-46	M46 x P0.75
Bi660-25.4	M25.4 x P32TPI	Bi660-48	M48 x P0.75
Bi660-25.5	M25.5 x P0.5	Bi660-49	M49 x P0.75
Bi660-27	M27 x P0.5	Bi660-52	M52 x P0.75
Bi660-30.5	M30.5 x P0.5	Bi660-55	M55 x P0.75
Bi660-34	M34 x P0.5	Bi660-58	M58 x P0.75
Bi660-35.5	M35.5 x P0.5	Bi660-62	M62 x P0.75
Bi660-37	M37 x P0.75	Bi660-67	M67 x P0.75
Bi660-37.5	M37.5 x P0.5	Bi660-72	M72 x P0.75
Bi660-39	M39 x P0.5	Bi660-77	M77 x P0.75
Bi660-40.5	M40.5 x P0.5	Bi660-82	M82 x P0.75

25.4™ C-Mount



Threads between lens and sensor

Part #: Bi660-25.4

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: Bi660-S43

Unmounted

Custom shapes & sizes available

Create Part #

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

Example: Bi660-D19

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

Example: Bi660-R30x15

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

Example: Bi660-R15

Bi660 DATA POINTS (TYPICAL)

Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)
1100	0.42	910	0.19	720	0.19	530	0.03
1090	0.48	900	1.01	710	0.09	520	0.12
1080	0.42	890	-0.24	700	0.10	510	0.32
1070	0.26	880	-0.17	690	0.33	500	0.14
1060	0.14	870	0.47	680	5.80	490	0.15
1050	0.07	860	0.00	670	68.59	480	0.09
1040	0.05	850	0.00	660	90.10	470	0.05
1030	0.04	840	0.00	650	85.73	460	0.10
1020	0.06	830	0.00	640	27.04	450	0.07
1010	0.10	820	0.00	630	1.96	440	0.03
1000	0.25	810	0.01	620	0.32	430	0.01
990	0.37	800	0.01	610	0.13	420	0.05
980	0.25	790	0.00	600	0.07	410	0.04
970	0.10	780	0.01	590	0.06	400	0.01
960	0.04	770	0.01	580	0.05	390	0.01
950	0.02	760	0.02	570	0.06	380	0.03
940	0.03	750	0.02	560	0.07	370	0.89
930	0.05	740	0.04	550	0.10	360	0.18
920	0.11	730	0.16	540	0.04	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