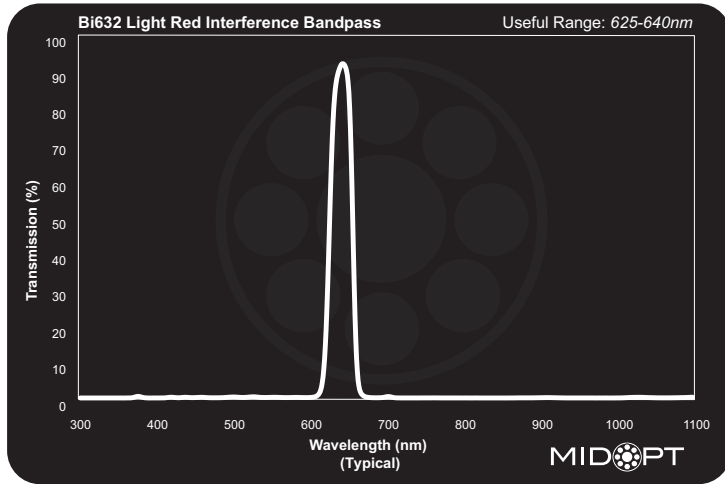
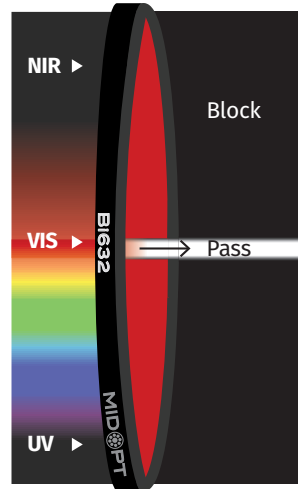


# Bi632 LIGHT RED INTERFERENCE BANDPASS

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Recommended for use with red laser diodes and/or LED lighting where precise illumination control is needed or similar red wavelengths are also simultaneously being imaged with other cameras. Bi632 filters effectively block out almost all interference from other red light sources.



Useful Range: 625-640nm

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
Bi632-13.25	M13.25 x P0.5	Bi632-43	M43 x P0.75
Bi632-22.5	M22.5 x P0.5	Bi632-46	M46 x P0.75
Bi632-25.4	M25.4 x P32TPI	Bi632-48	M48 x P0.75
Bi632-25.5	M25.5 x P0.5	Bi632-49	M49 x P0.75
Bi632-27	M27 x P0.5	Bi632-52	M52 x P0.75
Bi632-30.5	M30.5 x P0.5	Bi632-55	M55 x P0.75
Bi632-34	M34 x P0.5	Bi632-58	M58 x P0.75
Bi632-35.5	M35.5 x P0.5	Bi632-62	M62 x P0.75
Bi632-37	M37 x P0.75	Bi632-67	M67 x P0.75
Bi632-37.5	M37.5 x P0.5	Bi632-72	M72 x P0.75
Bi632-39	M39 x P0.5	Bi632-77	M77 x P0.75
Bi632-40.5	M40.5 x P0.5	Bi632-82	M82 x P0.75

### 25.4™ C-Mount



Threads between lens and sensor

Part #: Bi632-25.4

### 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: Bi632-S43

### Unmounted

Custom shapes & sizes available

Create Part #

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

Example: Bi632-D19

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

Example: Bi632-R30x15

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

Example: Bi632-R15

## Bi632 DATA POINTS (TYPICAL)

Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)
1100	0.22	910	0.10	720	0.01	530	0.18
1090	0.13	900	-0.36	710	0.03	520	0.32
1080	0.08	890	1.07	700	0.39	510	0.16
1070	0.05	880	0.87	690	0.10	500	0.22
1060	0.04	870	0.03	680	0.07	490	0.23
1050	0.07	860	0.01	670	0.26	480	0.09
1040	0.13	850	0.00	660	3.51	470	0.06
1030	0.19	840	0.00	650	67.18	460	0.10
1020	0.16	830	0.00	640	92.38	450	0.17
1010	0.06	820	0.00	630	87.00	440	0.09
1000	0.02	810	0.00	620	37.76	430	0.18
990	0.00	800	0.01	610	2.35	420	0.09
980	0.00	790	0.01	600	0.23	410	0.17
970	0.01	780	0.01	590	0.11	400	0.02
960	0.01	770	0.01	580	0.15	390	0.01
950	0.01	760	0.03	570	0.12	380	0.03
940	0.01	750	0.02	560	0.12	370	0.43
930	0.02	740	0.01	550	0.20	360	0.04
920	0.06	730	0.01	540	0.14	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](http://www.midopt.com)