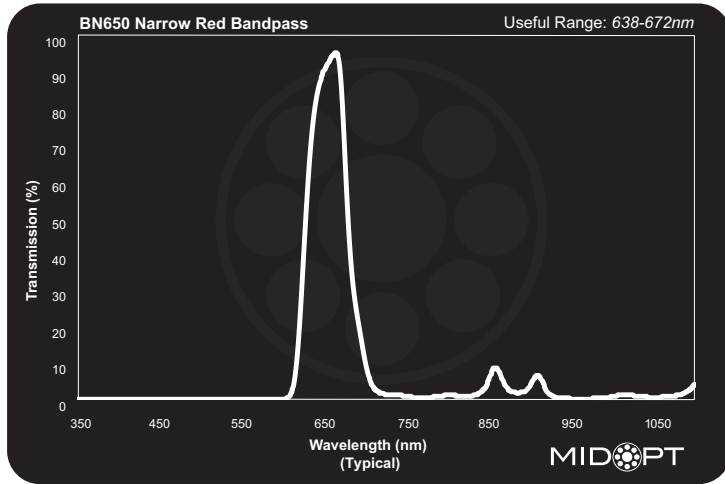
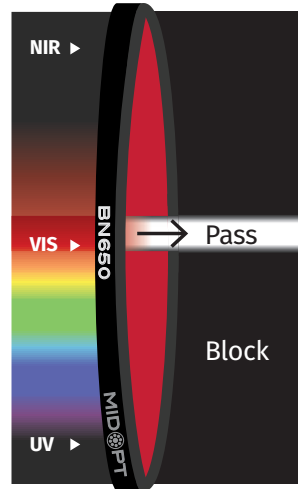


# BN650 NARROW RED BANDPASS

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Commonly used in outdoor applications where strong sunlight is often a problem, this filter is suitable for use with LED and laser diode illumination, and is less sensitive to angle of incidence variations than traditional interference filters.



Useful Range: 638-672nm

FWHM: 50nm

Peak Transmission: ≥85%

Surface Quality: 40/20

StableEDGE™

## BN650 DATA POINTS (TYPICAL)

Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)
1100	4.26	910	6.53	720	1.55	530	0.00
1090	2.11	900	3.96	710	3.07	520	0.00
1080	1.20	890	1.95	700	9.29	510	0.00
1070	0.81	880	1.89	690	22.06	500	0.00
1060	0.62	870	3.49	680	42.96	490	0.00
1050	0.56	860	8.25	670	86.18	480	0.00
1040	0.63	850	5.91	660	94.86	470	0.00
1030	0.87	840	2.05	650	91.05	460	0.00
1020	1.28	830	1.06	640	83.25	450	0.00
1010	1.31	820	0.87	630	61.27	440	0.00
1000	0.79	810	0.98	620	22.93	430	0.00
990	0.40	800	1.13	610	2.03	420	0.00
980	0.24	790	0.89	600	0.10	410	0.00
970	0.18	780	0.57	590	0.08	400	0.00
960	0.15	770	0.46	580	0.08	390	0.00
950	0.19	760	0.53	570	0.07	380	0.00
940	0.29	750	0.80	560	0.03	370	0.00
930	0.61	740	1.19	550	0.01	360	0.00
920	2.13	730	1.29	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](http://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
BN650-13.25	M13.25 x P0.5	BN650-46	M46 x P0.75
BN650-22.5	M22.5 x P0.5	BN650-48	M48 x P0.75
BN650-25.4	M25.4 x P32TPI	BN650-49	M49 x P0.75
BN650-25.5	M25.5 x P0.5	BN650-52	M52 x P0.75
BN650-27	M27 x P0.5	BN650-55	M55 x P0.75
BN650-30.5	M30.5 x P0.5	BN650-58	M58 x P0.75
BN650-34	M34 x P0.5	BN650-62	M62 x P0.75
BN650-35.5	M35.5 x P0.5	BN650-67	M67 x P0.75
BN650-37	M37 x P0.75	BN650-72	M72 x P0.75
BN650-37.5	M37.5 x P0.5	BN650-77	M77 x P0.75
BN650-39	M39 x P0.5	BN650-82	M82 x P0.75
BN650-40.5	M40.5 x P0.5	BN650-86	M86 x P1.0
BN650-43	M43 x P0.75	BN650-95	M95 x P1.0
		BN650-105	M105 x P1.0

### 25.4™ C-Mount



Threads between lens and sensor

Part #: BN650-25.4

### 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: BN650-S43

### Unmounted

Custom shapes & sizes available

Create Part #

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

Example: BN650-D19

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

Example: BN650-R30x15

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

Example: BN650-R15