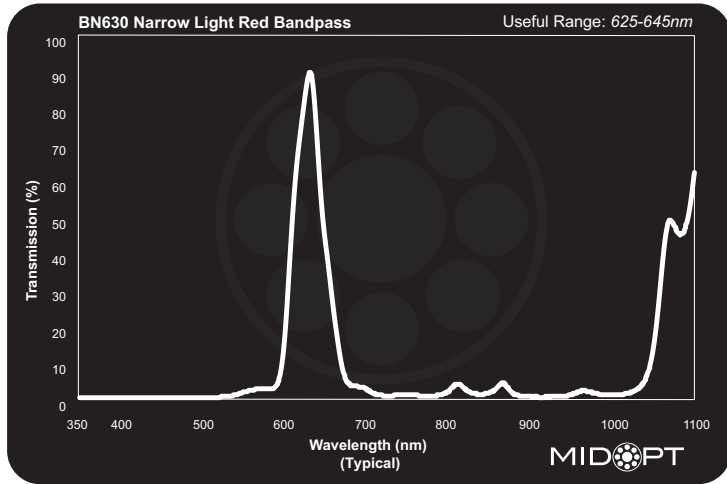
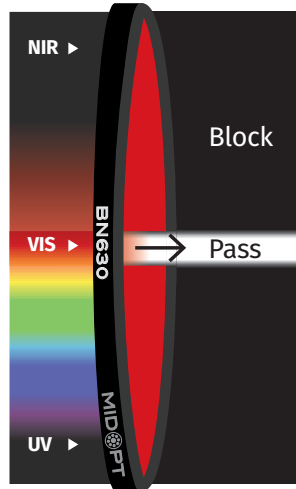


# BN630 NARROW LIGHT RED BANDPASS

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Commonly used in outdoor applications where strong sunlight is often a problem, a BN630 filter is suitable for use with LED and laser diode illumination. It exhibits less effect from "blue shifting" in wide angle applications.



Useful Range: 625-645nm  
FWHM: 45nm  
Peak Transmission: ≥85%  
Surface Quality: 40/20  
Compatible LED: 617nm, 625nm, 630nm

StableEDGE™

## BN630 DATA POINTS (TYPICAL)

Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)
1100	63.14	910	0.17	720	0.61	530	0.37
1090	48.31	900	0.21	710	1.09	520	0.17
1080	45.09	890	0.38	700	2.38	510	0.05
1070	48.68	880	0.99	690	3.07	500	0.02
1060	36.71	870	3.29	680	3.61	490	0.01
1050	15.14	860	3.05	670	8.77	480	0.01
1040	5.55	850	1.35	660	23.92	470	0.00
1030	2.45	840	0.98	650	42.75	460	0.00
1020	1.34	830	1.20	640	70.59	450	0.00
1010	0.93	820	2.42	630	88.92	440	0.00
1000	0.79	810	3.68	620	73.59	430	0.00
990	0.83	800	1.83	610	49.57	420	0.00
980	1.13	790	0.79	600	15.17	410	0.00
970	1.72	780	0.52	590	3.21	400	0.00
960	1.75	770	0.52	580	2.45	390	0.00
950	0.89	760	0.70	570	2.44	380	0.00
940	0.42	750	0.93	560	2.06	370	0.00
930	0.24	740	0.77	550	1.47	360	0.00
920	0.21	730	0.57	540	0.72	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
BN630-13.25	M13.25 x P0.5	BN630-46	M46 x P0.75
BN630-22.5	M22.5 x P0.5	BN630-48	M48 x P0.75
BN630-25.4	M25.4 x P32TPI	BN630-49	M49 x P0.75
BN630-25.5	M25.5 x P0.5	BN630-52	M52 x P0.75
BN630-27	M27 x P0.5	BN630-55	M55 x P0.75
BN630-30.5	M30.5 x P0.5	BN630-58	M58 x P0.75
BN630-34	M34 x P0.5	BN630-62	M62 x P0.75
BN630-35.5	M35.5 x P0.5	BN630-67	M67 x P0.75
BN630-37	M37 x P0.75	BN630-72	M72 x P0.75
BN630-37.5	M37.5 x P0.5	BN630-77	M77 x P0.75
BN630-39	M39 x P0.5	BN630-82	M82 x P0.75
BN630-40.5	M40.5 x P0.5	BN630-86	M86 x P1.0
BN630-43	M43 x P0.75	BN630-95	M95 x P1.0
		BN630-105	M105 x P1.0

### 25.4™ C-Mount



Threads between lens and sensor

Part #: BN630-25.4

### 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: BN630-S43

### Unmounted

Custom shapes & sizes available

#### Create Part #

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

Example: BN630-D19

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

Example: BN630-R30x15

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

Example: BN630-R15