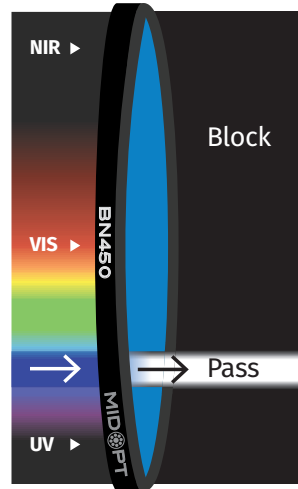
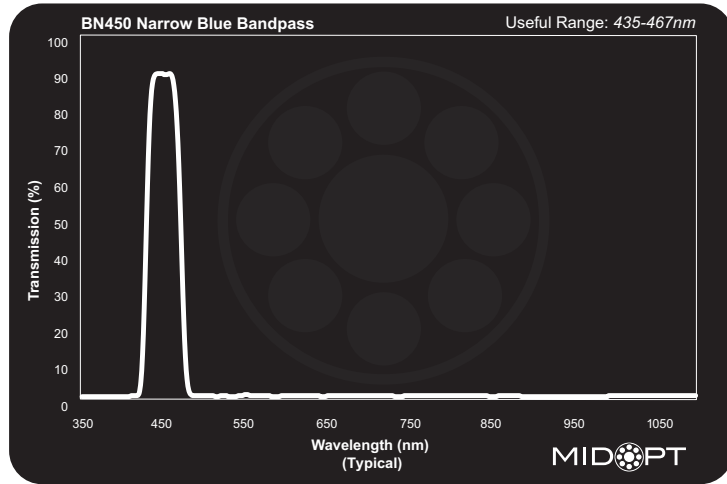


# BN450 NARROW BLUE BANDPASS

WWW.MIDOPT.COM  
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Useful Range: 435-467nm

FWHM: 40nm

Peak Transmission: ≥90%

Surface Quality: 40/20

## BN450 DATA POINTS (TYPICAL)

Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)
1100	0.40	910	0.01	720	0.22	530	0.11
1090	0.32	900	0.02	710	0.22	520	0.17
1080	0.27	890	-0.02	700	0.24	510	0.21
1070	0.24	880	0.18	690	0.27	500	0.32
1060	0.26	870	0.30	680	0.23	490	0.15
1050	0.29	860	0.17	670	0.23	480	4.90
1040	0.27	850	0.12	660	0.24	470	65.19
1030	0.20	840	0.19	650	0.15	460	90.58
1020	0.17	830	0.37	640	0.16	450	90.50
1010	0.22	820	0.25	630	0.30	440	89.67
1000	0.28	810	0.15	620	0.15	430	41.67
990	0.12	800	0.22	610	0.20	420	0.29
980	0.04	790	0.24	600	0.17	410	0.14
970	0.02	780	0.16	590	0.11	400	0.07
960	0.06	770	0.20	580	0.16	390	0.07
950	0.03	760	0.23	570	0.26	380	0.01
940	0.03	750	0.18	560	0.29	370	0.00
930	0.04	740	0.14	550	0.46	360	0.00
920	0.02	730	0.15	540	0.12	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
BN450-13.25	M13.25 x P0.5	BN450-46	M46 x P0.75
BN450-22.5	M22.5 x P0.5	BN450-48	M48 x P0.75
BN450-25.4	M25.4 x P32TPI	BN450-49	M49 x P0.75
BN450-25.5	M25.5 x P0.5	BN450-52	M52 x P0.75
BN450-27	M27 x P0.5	BN450-55	M55 x P0.75
BN450-30.5	M30.5 x P0.5	BN450-58	M58 x P0.75
BN450-34	M34 x P0.5	BN450-62	M62 x P0.75
BN450-35.5	M35.5 x P0.5	BN450-67	M67 x P0.75
BN450-37	M37 x P0.75	BN450-72	M72 x P0.75
BN450-37.5	M37.5 x P0.5	BN450-77	M77 x P0.75
BN450-39	M39 x P0.5	BN450-82	M82 x P0.75
BN450-40.5	M40.5 x P0.5	BN450-86	M86 x P1.0
BN450-43	M43 x P0.75	BN450-95	M95 x P1.0
		BN450-105	M105 x P1.0

### 25.4™ C-Mount



Threads between lens and sensor

Part #: BN450-25.4-SIS

### 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: BN450-S43

### Unmounted

Custom shapes & sizes available

#### Create Part #

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

Example: BN450-D19

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

Example: BN450-R30x15

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

Example: BN450-R15