



Useful Range: 515-525nm

FWHM: 20nm

Peak Transmission: ≥88%

Surface Quality: 40/20

## Bi520 DATA POINTS (TYPICAL)

Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)
1100	76.45	910	24.24	720	0.05	530	65.52
1090	81.53	900	4.10	710	0.08	520	90.52
1080	86.62	890	0.94	700	0.04	510	43.34
1070	82.95	880	0.48	690	0.02	500	0.46
1060	73.80	870	0.12	680	0.05	490	0.07
1050	69.36	860	0.10	670	0.11	480	0.08
1040	73.46	850	0.15	660	0.04	470	0.01
1030	82.50	840	0.25	650	0.03	460	0.01
1020	87.31	830	0.11	640	0.04	450	0.01
1010	88.27	820	0.04	630	0.02	440	0.01
1000	85.89	810	0.03	620	0.02	430	0.00
990	67.49	800	0.04	610	0.03	420	0.00
980	44.73	790	0.03	600	0.06	410	0.00
970	36.78	780	0.02	590	0.04	400	0.00
960	47.12	770	0.03	580	0.04	390	0.03
950	69.73	760	0.09	570	0.03	380	0.09
940	54.67	750	0.10	560	0.01	370	0.04
930	38.81	740	0.08	550	0.02	360	0.00
920	48.55	730	0.08	540	1.68	350	0.01

\*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 - M82

Part #	Thread Dia x Pitch	Part #	Thread Dia x Pitch
Bi520-13.25	M13.25 x P0.5	Bi520-43	M43 x P0.75
Bi520-22.5	M22.5 x P0.5	Bi520-46	M46 x P0.75
Bi520-25.4	M25.4 x P32TPI	Bi520-48	M48 x P0.75
Bi520-25.5	M25.5 x P0.5	Bi520-49	M49 x P0.75
Bi520-27	M27 x P0.5	Bi520-52	M52 x P0.75
Bi520-30.5	M30.5 x P0.5	Bi520-55	M55 x P0.75
Bi520-34	M34 x P0.5	Bi520-58	M58 x P0.75
Bi520-35.5	M35.5 x P0.5	Bi520-62	M62 x P0.75
Bi520-37	M37 x P0.75	Bi520-67	M67 x P0.75
Bi520-37.5	M37.5 x P0.5	Bi520-72	M72 x P0.75
Bi520-39	M39 x P0.5	Bi520-77	M77 x P0.75
Bi520-40.5	M40.5 x P0.5	Bi520-82	M82 x P0.75

### 25.4™ C-Mount



Threads between lens and sensor

Part #: Bi520-25.4

### 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: Bi520-S43

### Unmounted

Custom shapes & sizes available

#### Create Part #

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

Example: Bi520-D19

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

Example: Bi520-R30x15

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

Example: Bi520-R15