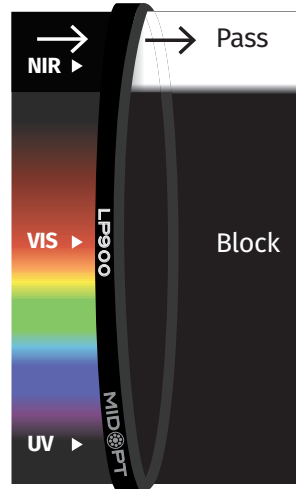
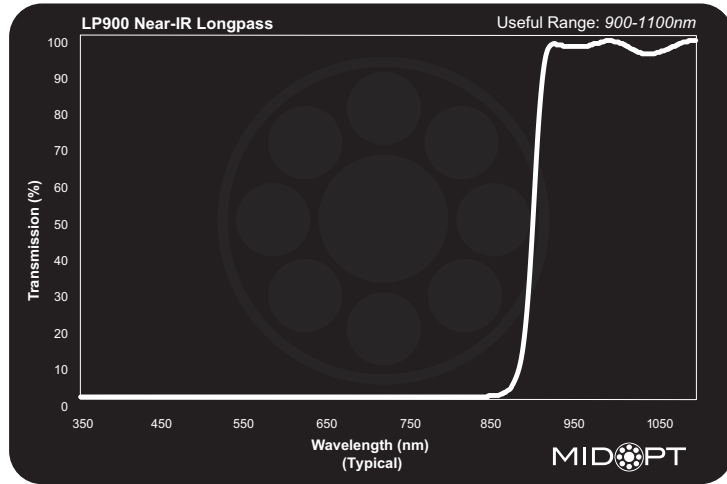


# LP900 NEAR-IR LONGPASS

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Useful Range: 910-1100nm  
Cut-on Wavelength 50% T: 900nm  
Peak Transmission: ≥90%  
Surface Quality: 40/20

## LP900 DATA POINTS (TYPICAL)

Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)
1100	98.25	910	80.90	720	0.00	530	0.00
1090	98.13	900	43.51	710	0.00	520	0.00
1080	97.42	890	15.08	700	0.00	510	0.00
1070	96.46	880	5.03	690	0.00	500	0.00
1060	95.53	870	1.64	680	0.00	490	0.00
1050	94.77	860	0.60	670	0.00	480	0.00
1040	94.67	850	0.27	660	0.00	470	0.00
1030	95.22	840	0.13	650	0.00	460	0.00
1020	96.33	830	0.06	640	0.00	450	-0.01
1010	97.48	820	0.03	630	0.00	440	0.01
1000	98.11	810	0.02	620	0.00	430	0.00
990	98.23	800	0.01	610	0.00	420	0.00
980	97.55	790	0.00	600	0.00	410	-0.01
970	96.94	780	0.00	590	0.00	400	0.01
960	96.66	770	0.00	580	0.00	390	0.00
950	96.79	760	0.00	570	0.00	380	0.00
940	96.91	750	0.00	560	0.01	370	0.00
930	97.29	740	0.00	550	0.00	360	0.01
920	96.20	730	0.00	540	0.00	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 - M105

Part #	Thread Dia x Pitch	Part #	Thread Dia x Pitch
LP900-13.25	M13.25 x P0.5	LP900-46	M46 x P0.75
LP900-22.5	M22.5 x P0.5	LP900-48	M48 x P0.75
LP900-25.4	M25.4 x P32TPI	LP900-49	M49 x P0.75
LP900-25.5	M25.5 x P0.5	LP900-52	M52 x P0.75
LP900-27	M27 x P0.5	LP900-55	M55 x P0.75
LP900-30.5	M30.5 x P0.5	LP900-58	M58 x P0.75
LP900-34	M34 x P0.5	LP900-62	M62 x P0.75
LP900-35.5	M35.5 x P0.5	LP900-67	M67 x P0.75
LP900-37	M37 x P0.75	LP900-72	M72 x P0.75
LP900-37.5	M37.5 x P0.5	LP900-77	M77 x P0.75
LP900-39	M39 x P0.5	LP900-82	M82 x P0.75
LP900-40.5	M40.5 x P0.5	LP900-86	M86 x P1.0
LP900-43	M43 x P0.75	LP900-95	M95 x P1.0
		LP900-105	M105 x P1.0

### 25.4™ C-Mount



Threads between lens and sensor

Part #: LP900-25.4

### 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: LP900-S43

### Unmounted

Custom shapes & sizes available

#### Create Part #

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

Example: LP900-D19

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

Example: LP900-R30x15

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

Example: LP900-R15