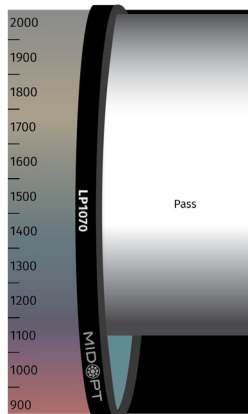
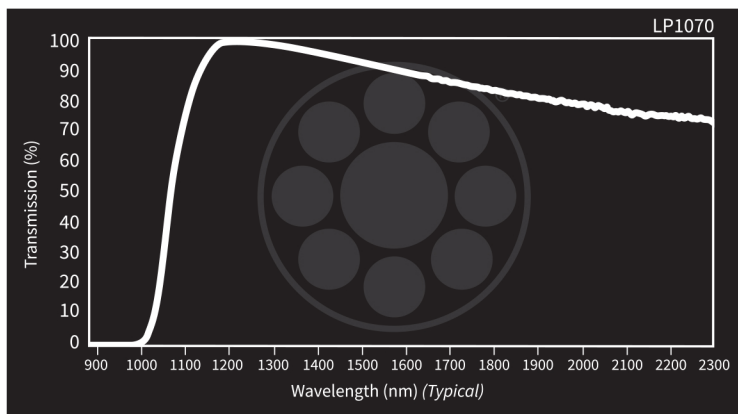


# LP1070 SHORT-WAVE INFRARED LONGPASS FILTER



StabEDGE® Technology |  $A/R$  Anti-Reflection Coated |  $40/20$  40/20 Scratch/Dig

Useful Range: 1100-2300nm | Cut-on Wavelength 50% T : 1070nm | Tolerance: +/-10nm | Peak Transmission: ≥90% | Surface Quality: 40/20

Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)
2300	71.19	2050	76.54	1800	82.54	1550	89.85	1300	97.19	1050	32.24
2290	72.89	2040	77.25	1790	82.74	1540	90.21	1290	97.41	1040	21.35
2280	73.13	2030	77.58	1780	83.12	1530	90.53	1280	97.57	1030	12.58
2270	73.43	2020	77.77	1770	83.35	1520	90.85	1270	97.74	1020	6.52
2260	73.19	2010	77.13	1760	83.76	1510	91.17	1260	97.85	1010	3.15
2250	73.67	2000	77.91	1750	83.75	1500	91.54	1250	98.00	1000	1.37
2240	74.40	1990	77.91	1740	84.08	1490	91.82	1240	98.12	990	0.53
2230	73.14	1980	78.42	1730	84.29	1480	92.13	1230	98.20	980	0.19
2220	73.57	1970	78.57	1720	84.69	1470	92.43	1220	98.26	970	0.06
2210	74.80	1960	78.62	1710	84.92	1460	92.75	1210	98.29	960	0.02
2200	74.36	1950	79.34	1700	85.18	1450	93.01	1200	98.26	950	0.01
2190	74.26	1940	78.69	1690	85.53	1440	93.34	1190	98.17	940	0.00
2180	74.61	1930	79.59	1680	85.62	1430	93.66	1180	97.92	930	0.00
2170	74.18	1920	79.94	1670	86.13	1420	93.98	1170	96.90	920	0.04
2160	74.79	1910	80.05	1660	86.27	1410	94.28	1160	95.56	910	0.01
2150	74.69	1900	80.12	1650	86.70	1400	94.57	1150	93.73	900	0.00
2140	74.42	1890	80.43	1640	87.07	1390	94.85	1140	91.42		
2130	75.01	1880	80.37	1630	87.37	1380	95.16	1130	88.53		
2120	74.98	1870	80.77	1620	87.68	1370	95.42	1120	84.95		
2110	74.45	1860	80.80	1610	87.96	1360	95.71	1110	80.67		
2100	75.41	1850	81.21	1600	88.27	1350	95.99	1100	75.70		
2090	75.62	1840	81.38	1590	88.54	1340	96.24	1090	69.71		
2080	75.38	1830	81.68	1580	88.87	1330	96.53	1080	62.83		
2070	75.74	1820	81.91	1570	89.19	1320	96.75	1070	54.92		
2060	76.06	1810	82.16	1560	89.54	1310	96.99	1060	44.39		

## 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
LP1070-13.25	M13.25 x P0.5	LP1070-46	M46 x P0.75
LP1070-22.5	M22.5 x P0.5	LP1070-48	M48 x P0.75
LP1070-25.4 <sup>®</sup>	M25.4 x P32TPI	LP1070-49	M49 x P0.75
(C-Mount)		LP1070-52	M52 x P0.75
LP1070-25.5	M25.5 x P0.5	LP1070-55	M55 x P0.75
LP1070-27	M27 x P0.5	LP1070-58	M58 x P0.75
LP1070-30.5	M30.5 x P0.5	LP1070-62	M62 x P0.75
LP1070-34	M34 x P0.5	LP1070-67	M67 x P0.75
LP1070-35.5	M35.5 x P0.5	LP1070-72	M72 x P0.75
LP1070-37	M37 x P0.75	LP1070-77	M77 x P0.75
LP1070-37.5	M37.5 x P0.5	LP1070-82	M82 x P0.75
LP1070-39	M39 x P0.5	LP1070-86	M86 x P1.0
LP1070-40.5	M40.5 x P0.5	LP1070-95	M95 x P1.0
LP1070-43	M43 x P0.75	LP1070-105	M105 x P1.0

### 25.4™ C-Mount



Threads between lens and sensor  
Part #: LP1070-25.4

### 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: LP1070-S43*

### Unmounted



#### Create Part# -

**CIRCLE:** Use "D" and add diameter in mm (ex: 19mm).  
*Example: LP1070-D19*



**RECTANGLE:** Use "R" and add length in mm (ex: 30mm) x width in mm (ex: 15mm). *Example: LP1070-R30x15*

**SQUARE:** Use "R" and add side measurement in mm (ex: 15mm). *Example: LP1070-R15*