

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

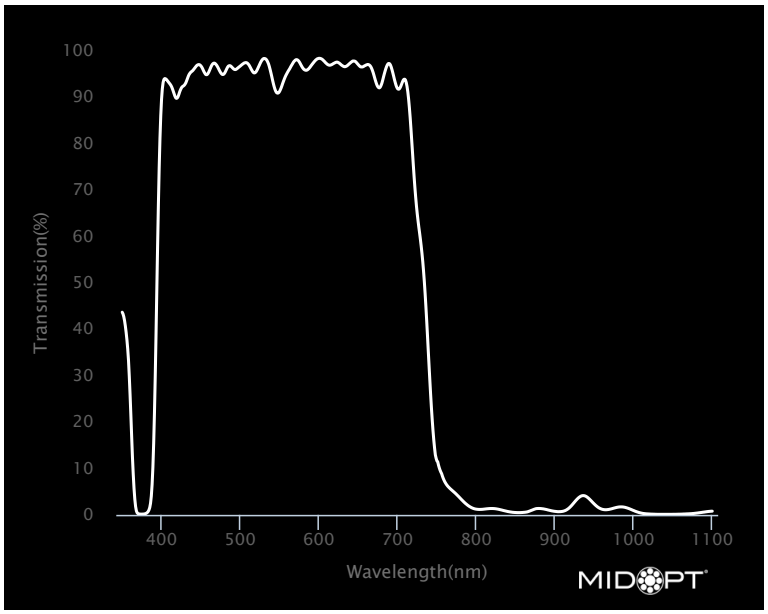
- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

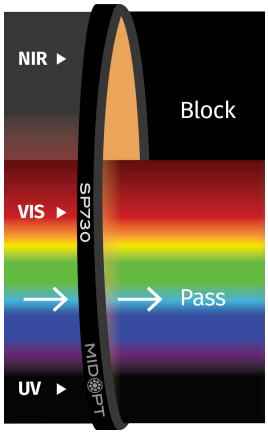
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SP730 Near-IR/Colorless Dichroic Block Shortpass Filter



SP730 a heat resistant filter reduces IR radiation/camera bloom while having no effect on the apparent color of an image. The color temperature characteristics of any given camera sensor will remain unchanged. A broadband multilayer anti-reflection coating is present on the second side of this dichroic hot mirror.



Useful Range : 400-710nm
Cut-off Wavelength 50% T : 730nm
Tolerance : +/- 15nm
Peak Transmission : ≥90%
Surface Quality : 40/20

Download Transmission Data

SP730 Transmission Data (Typical)

wavelength (nm)	transmission (%)	wavelength (nm)	transmission (%)
1100	1.28	670	90.56
1090	1.08	660	88.78

Filter Mount & Size Options

find your mount size & part #

enter lens mfg part # search

Threaded Mount

for lenses with filter threads, learn more



M40.5

part # SP730-40.5

25.4® C-Mount

threads between lens & sensor, learn more



part # SP730-25.4

Slip Mount

for lenses without filter threads, learn more



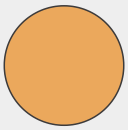
Enter Lens Outside Diamter (O.D.) to create part number

Lens O.D. (mm)

Unmounted & Custom Size

wavelength (nm)	transmission (%)	wavelength (nm)	transmission (%)
1080	0.65	650	96.96
1070	0.34	640	91.99
1060	0.17	630	96.65
1050	0.11	620	93.97
1040	0.09	610	96.61
1030	0.05	600	95.09
1020	0.08	590	96.62
1010	0.11	580	91.93
1000	0.25	570	96.09
990	0.67	560	92.72
980	1.33	550	95.92
970	0.90	540	93.54
960	0.49	530	92.78
950	0.41	520	95.90
940	0.57	510	95.95
930	1.61	500	95.02
920	4.89	490	93.49
910	2.29	480	95.24
900	0.66	470	95.10
890	0.51	460	93.50
880	0.84	450	93.72
870	1.69	440	91.81
860	1.85	430	93.77
850	0.91	420	93.08
840	0.62	410	91.97
830	0.72	400	87.52
820	1.36	390	74.34
810	2.17	380	6.71
800	1.75	370	0.20
790	1.46	360	1.89
780	2.09	350	33.79
770	4.87	340	45.23
760	8.77	330	43.23
750	8.72	320	39.29
740	13.41	310	7.57
730	37.34	300	0.12
720	63.68	290	1.24
710	75.09	280	0.56
700	95.79	270	0.01
690	89.77	260	0.00
680	94.43	250	0.01

for custom size, learn more



select shape

Learn about MidOpt mount solutions

The performance of a filter is based on what happens to light passing through the filter. The apparent color of light reflected off the surface is not a reliable way to judge the filter's capabilities. Batch-to-batch difference in the apparent color of the coatings or filter substrates can often be easily seen when looking at two examples of the same filter type. The color of the coating does not indicate a disparity in performance. Filters 62mm and greater have a surface quality tolerance of 60/40.

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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