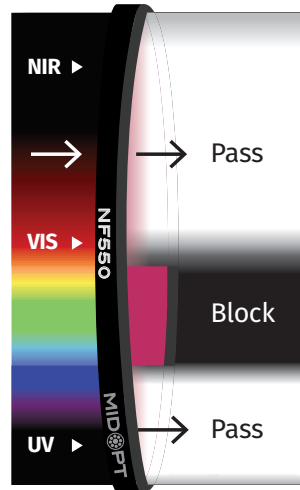
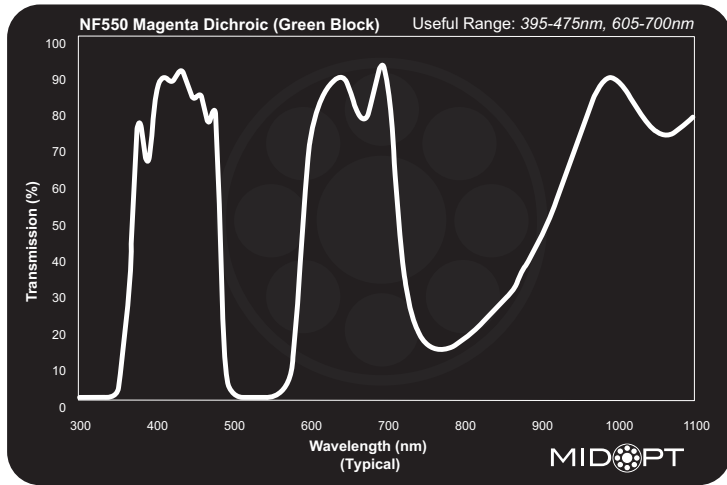


NF550 MAGENTA DICHROIC (GREEN BLOCK)

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Useful Range: 395-475nm, 605-700nm
Cut-off WL 50% T: 480/590nm (cut-off/cut-on)
Tolerance: +/- 10nm
Peak Transmission: 90%
Surface Quality: 40/20

Commonly referred to as a notch filter, the NF550 Magenta Dichroic filter blocks green wavelengths and passes all other wavelengths. This results in a reddish-purple appearance when viewing in color.

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
NF550-13.25	M13.25 x P0.5	NF550-48	M49 x P0.75
NF550-22.5	M22.5 x P0.5	NF550-49	M49 x P0.75
NF550-25.5	M25.5 x P0.5	NF550-52	M52 x P0.75
NF550-27	M27 x P0.5	NF550-55	M55 x P0.75
NF550-30.5	M30.5 x P0.5	NF550-58	M58 x P0.75
NF550-34	M34 x P0.5	NF550-62	M62 x P0.75
NF550-35.5	M35.5 x P0.5	NF550-67	M67 x P0.75
NF550-37	M37 x P0.75	NF550-72	M72 x P0.75
NF550-37.5	M37.5 x P0.5	NF550-77	M77 x P0.75
NF550-39	M39 x P0.5	NF550-82	M82 x P0.75
NF550-40.5	M40 x P0.5	NF550-86	M86 x P1.0
NF550-43	M43 x P0.75	NF550-95	M95 x P1.0
NF550-46	M46 x P0.75	NF550-105	M105 x P1.0

C/CS Camera Mount



Threads between lens and sensor

Part #: NF550-25.4

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: NF550-S43

Unmounted

Custom shapes & sizes available

Create Part

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

Example: NF550-D19

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

Example: NF550-R30x15

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

Example: NF550-R15

NF550 DATA POINTS (TYPICAL)

Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)
1100	79.59	930	62.07	760	14.24	590	53.26	420	89.96
1090	77.46	920	56.28	750	15.38	580	21.03	410	90.70
1080	75.61	910	50.97	740	18.50	570	5.64	400	88.66
1070	74.57	900	46.33	730	24.76	560	1.83	390	71.80
1060	74.49	890	42.07	720	37.41	550	0.78	380	73.94
1050	75.42	880	38.24	710	60.21	540	0.44	370	68.46
1040	77.32	870	33.79	700	86.34	530	0.34	360	24.33
1030	80.18	860	30.13	690	94.01	520	0.34	350	4.73
1020	83.67	850	27.69	680	85.20	510	0.49	340	0.56
1010	87.06	840	25.43	670	78.99	500	1.17	330	0.04
1000	89.65	830	23.21	660	80.81	490	5.73	320	0.00
990	90.63	820	20.96	650	87.14	480	51.78	310	0.00
980	89.39	810	18.87	640	90.71	470	80.30	300	0.00
970	85.99	800	17.03	630	89.88	460	82.15	290	0.00
960	80.82	790	15.53	620	87.34	450	85.23	280	0.00
950	74.67	780	14.47	610	83.26	440	87.37	270	0.00
940	68.23	770	13.96	600	74.82	430	92.66	260	0.00
								250	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