

# FILTERS



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## Bandpass Filters

### BP Series - Broad Bandwidth

Part #	Description	Useful Range	
BP250	Deep-to-Near-UV Bandpass Filter	230-275nm	>
BP324	Near-UV Bandpass Filter	290-365nm	>
BP365	Near-UV Bandpass Filter	335-400nm	>
BP470	Blue Bandpass Filter	425-495nm	>
BP500	Green-Blue Bandpass Filter	440-555nm	>
BP505	Cyan Bandpass Filter	485-550nm	>
BP525	Light Green Bandpass Filter	500-555nm	>
PE530	Photopic Response Filter	495-565nm	>
BP550	Near-IR/UV Block-Visible Bandpass Filter	410-690nm	>
BP590	Orange Bandpass Filter	560-600nm	>
BP635	Light Red Bandpass Filter	615-645nm	>
BP660	Dark Red Bandpass Filter	640-680nm	>
BP695	Near-IR Bandpass Filter	680-720nm	>
BP735	Near-IR Bandpass Filter	715-780nm	>
BP800	Near-IR Bandpass Filter	745-950nm	>
BP810	(Discontinued) Limited Stock Available	790-830nm	>
BP850	Near-IR Bandpass Filter	820-910nm	>
BP880	Near-IR Bandpass Filter	845-930nm	>

### BN Series - Narrow Bandwidth

Part #	Description	Useful Range
BN470	Narrow Blue Bandpass Filter	460-490nm >
BN532	Narrow Green Bandpass Filter	525-550nm >
BN595	Narrow Orange Bandpass Filter	580-610nm >
BN630	Narrow Light Red Bandpass Filter	625-645nm >
BN650	Narrow Red Bandpass Filter	638-672nm >
BN660	Narrow Dark Red Bandpass Filter	645-675nm >
BN740	Narrow Near-IR Bandpass Filter	730-755nm >
BN785	Narrow Near-IR Bandpass Filter	770-790nm >
BN810	Narrow Near-IR Bandpass Filter	798-820nm >
BN850	Narrow Near-IR Bandpass Filter	840-865nm >
BN880	Narrow Near-IR Bandpass Filter	855-890nm >
BN940	Narrow Near-IR Bandpass Filter	928-955nm >

### Bi Series - Narrow Interference Bandwidth

Part #	Description	Useful Range
Bi405	Violet Interference Bandpass Filter	400-415nm >
Bi450	Blue Interference Bandpass	445-465nm >
Bi520	Light Green Interference Bandpass	515-525nm >
Bi550	Green Interference Bandpass Filter	535-558nm >
Bi632	Light Red Interference Bandpass Filter	625-640nm >
Bi650	Red Interference Bandpass Filter	643-665nm >
Bi660	Dark Red Interference Bandpass Filter	650-665nm >
Bi808	Near-IR Interference Bandpass Filter	798-820nm >
Bi850	Near-IR Interference Bandpass Filter	845-860nm >

NEW

NEW

## Dual Bandpass Filters

### DB Series - Dual Bandwidth

Part #	Description	Useful Range
DB475/850	Dual Bandpass Blue + 850nm NIR	460-490nm, 830-870nm >
DB660/850	Dual Bandpass Red + 850nm NIR	645-675nm, 830-870nm >
DB735	Dual Bandpass Filter Visible + 735nm NIR	405-645nm, 725-755nm >
DB850	Dual Bandpass Filter Visible + 850nm NIR	405-645nm, 835-875nm >
DB940	Dual Bandpass Filter Visible + 940nm NIR	405-650nm, 925-965nm >

# Longpass Filters

## LP Series - Longpass

Part #	Description	Useful Range	
LP285	High Trans. Heat Resistant VIS-NIR A/R Protecti...	350-1100nm	>
LP330	Protective Window	350-1100nm	>
LP340	A/R Protective Window	350-800nm	>
LP390	UV Absorbing Protective Window	410-1100nm	>
LP415	UV Block A/R Protective Window	415-1100nm	>
LP470	Light Yellow Longpass Filter	480-1100nm	>
LP500	Yellow Longpass Filter	510-1100nm	>
LP515	Yellow-Orange Longpass Filter	520-1100nm	>
LP530	Orange Longpass Filter	545-1100nm	>
LP550	Orange Longpass Filter	560-1100nm	>
LP580	Red-Orange Longpass Filter	585-1100nm	>
LP590	Red Longpass Filter	605-1100nm	>
LP610	Red Longpass Filter	620-1100nm	>
LP630	Red Longpass Filter	645-1100nm	>
LP645	Dark Red Longpass Filter	650-1100nm	>
LP665	Dark Red Longpass Filter	680-1100nm	>
LP695	Near-IR Longpass Filter	715-1100nm	>
LP715	Near-IR Longpass Filter	730-1100nm	>
LP780	Near-IR Longpass Filter	800-1100nm	>
LP800	Near-IR Longpass Filter	820-1100nm	>
LP815	Near-IR Longpass Filter	825-1100nm	>
LP830	Near-IR Longpass Filter	845-1100nm	>
LP850	Near-IR Longpass Filter	870-1100nm	>
<b>NEW</b> LP900	Near-IR Longpass	910-1100nm	>
LP920	Near-IR Longpass Filter	930-1100nm	>
LP1000	Near-IR Longpass Filter	1010-1500nm	>

# Shortpass/NIR cut Filters

## SP Series - VIS Pass

Part #	Description	Useful Range	
SP510	Blue Shortpass Filter	340-500nm	>
SP570	Blue-Green Shortpass Filter	410-560nm	>
SP585	Cyan Shortpass Filter	395-575nm	>

Part #	Description	Useful Range
NF550	Magenta Dichroic Shortpass Filter (Green Block)	395-475nm, 605-700nm >

### SP Series - VIS Pass/NIR Block

Part #	Description	Useful Range
SP625	Blue-Orange Shortpass Filter	425-620nm >
SP645	Near-IR/Mid-Red Dichroic Block Shortpass Filter	400-640nm >
SP650	Near-IR/Mid-Red Dichroic Block Shortpass Filter	400-640nm >
SP675	Near-IR/Deep Red Dichroic Block Shortpass Filt...	420-660nm >
SP700	Near-IR/UV Block-Visible Shortpass Filter	410-690nm >
SP701	Extended Hot Mirror/Reflects up to 1550nm	410-690nm >
SP705	Near-IR/Deep Red Absorp. Block Shortpass Filter	370-630nm >
SP730	Near-IR/Colorless Dichroic Block Shortpass Filter	400-710nm >
SP785	Modified Near-IR Dichroic Block Shortpass Filter	425-770nm >

## Neutral Density Filters

### ND Series - VIS

Part #	Description	Useful Range
ND030	Neutral Density Filter - Absorptive 50% Transmi...	425-675nm >
ND060	Neutral Density Filter - Absorptive 25% Transmi...	425-675nm >
ND090	Neutral Density Filter - Absorptive 12.5% Trans...	425-675nm >
ND120	Neutral Density Filter - Absorptive 6.25% Trans...	425-675nm >
ND200	Neutral Density Filter - Absorptive 1.0% Transmi...	425-675nm >
ND300	Neutral Density Filter - Absorptive 0.1% Transmi...	425-675nm >
ND400	Neutral Density Filter - Absorptive 0.01% Trans...	425-675nm >

### Ni Series - VIS/NIR

Part #	Description	Useful Range
Ni030	Neutral Density Filter - Low Reflectivity 50% Tra...	400-1100nm >
Ni060	Neutral Density Filter - Low Reflectivity 25% Tra...	400-1100nm >
Ni090	Neutral Density Filter - Low Reflectivity 12.5% Tr...	400-1100nm >
Ni120	Neutral Density Filter - Low Reflectivity 6.25% Tr...	400-1100nm >

## Polarizing Filters

### Polarizing Sheets

Part #	Description	Useful Range
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Part #	Description	Useful Range	
PS007	High Contrast Linear Polarizer Film .007" thk	400-700nm	>
PS010	High Contrast Linear Polarizer Film .010" thk	400-700nm	>
PS030	Ultra High Contrast Linear Polarizer Film .030" t...	400-700nm	>
HT025	High Temperature Linear Polarizing Film .025"	400-700nm	>
PG120	Ultra High Contrast Glass Linear Polarizer Sheet	400-700nm	>
Pi005	NIR High Contrast Linear Polarizer Film .007" thk	700-1100nm	>

### Polarizing Filters

Part #	Description	Useful Range	
PR032	Linear Polarizer	400-700nm	>
PR120	Ultra High Contrast Linear Polarizer	400-700nm	>
PC052	Circular Polarizer	400-700nm	>
Pi031	Near-Infrared Linear Polarizer, High Extinction	400-2000nm	>
Pi035	Near-Infrared Linear Polarizer, High Transmission	400-2000nm	>

## Protective Filters

### LP Series - Lens Protection

Part #	Description	Useful Range	
LP285	High Trans. Heat Resistant VIS-NIR A/R Protecti...	350-1100nm	>
LP330	Protective Window	350-1100nm	>
LP340	A/R Protective Window	350-800nm	>
LP390	UV Absorbing Protective Window	410-1100nm	>
LP415	UV Block A/R Protective Window	415-1100nm	>

## Acrylic Filters

### AC Series - Acrylic Longpass

Part #	Description	Useful Range	
AC380	A/R Acrylic Protective Window	450-850nm	>
AC685	Acrylic NIR Longpass Filter	710-1100nm	>
AC760	Acrylic NIR Longpass Filter	780-1100nm	>

## Light Balancing Filters

### LA Series | LB Series | FL Series

Part #	Description	Useful Range	
LA080	Light Balancing Filter (Minus Blue)	400-700nm	>
LA120	Light Balancing Filter (Minus Blue)	400-700nm	>
LB080	Light Balancing Filter (Minus Red)	400-700nm	>
LB120	Light Balancing Filter (Minus Red)	400-700nm	>
FL550	Light Balancing Filter (Minus Green)	400-700nm	>