

Longpass Filters

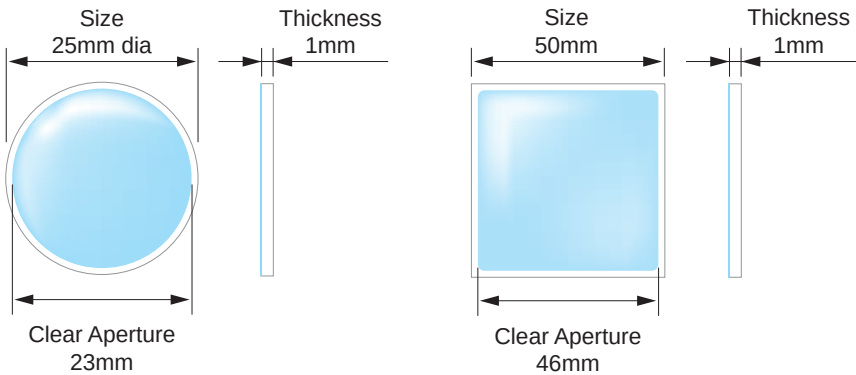
■ Longpass Filters / UV



Longpass Filter/UV is designed to have a sharp transition at each cut on point in UV range. This line is often used for UV light sources such as xenon or mercury lamp, and for making bandpass filters when you combine with our Shortpass Filter/UV. Substrate material is fused silica which has high durability against heat and high transmittance in UV range.

Please contact us for custom filters that you cannot find in the standard product line.

Dimensions



Ordering Information

Order online: www.asahi-spectra.com E-mail: info@asahi-spectra.com

Specifications

Wavelength (nm)		Substrate	Thickness (mm)	Item Number	
Cut-On (T=50%)	Cut-On Tolerance			25mm Diameter	50x50mm
250	+5/-5	Fused Silica	1	XUL0250	ZUL0250
275	+5/-5	Fused Silica	1	XUL0275	ZUL0275
300	+5/-5	Fused Silica	1	XUL0300	ZUL0300
325	+5/-5	Fused Silica	1	XUL0325	ZUL0325
350	+5/-5	Fused Silica	1	XUL0350	ZUL0350
385	+5/-5	Fused Silica	1	XUL0385	ZUL0385
400	+5/-5	Fused Silica	1	XUL0400	ZUL0400
422	+5/-5	Fused Silica	1	XUL0422	ZUL0422

Shortpass

Longpass

Bandpass

Neutral Density

UV Series

Super Cold

Others

Ordering Information

Order online: www.asahi-spectra.com E-mail: info@asahi-spectra.com

Longpass Filters / UV

Shortpass

XUL0250
ZUL0250

Longpass

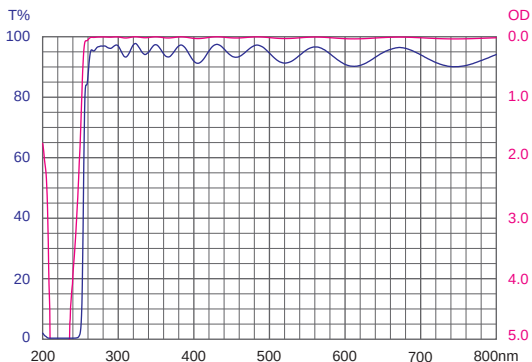
Bandpass

Neutral
Density

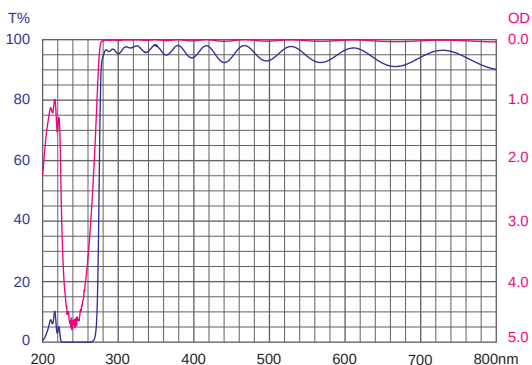
UV Series

Super Cold

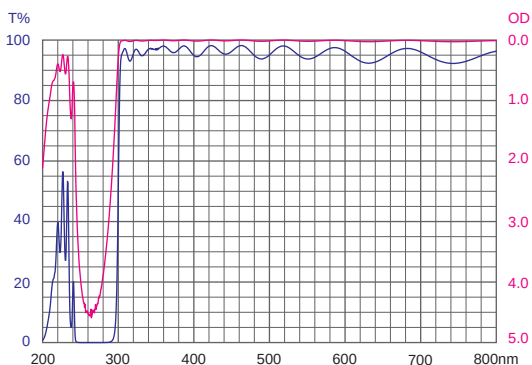
Others



XUL0275
ZUL0275



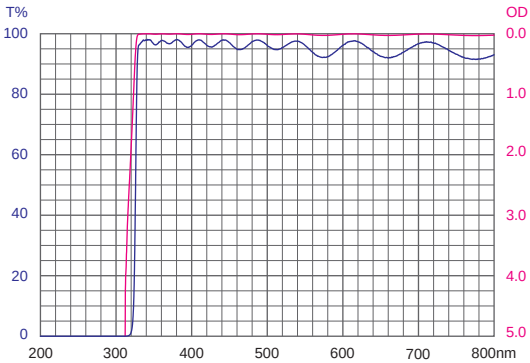
XUL0300
ZUL0300



Ordering Information

Order online: www.asahi-spectra.com E-mail: info@asahi-spectra.com

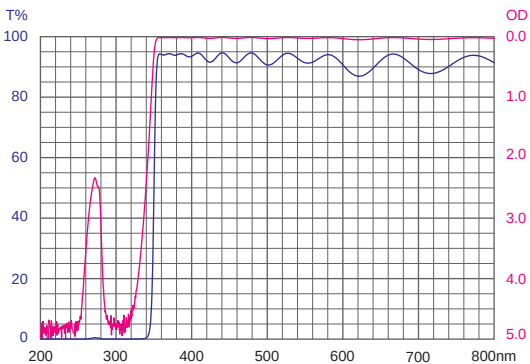
XUL0325
ZUL0325



Shortpass

Longpass

XUL0350
ZUL0350

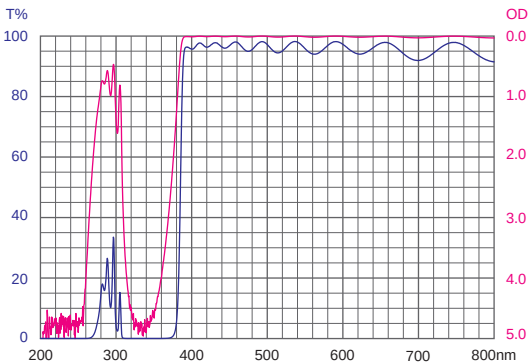


Bandpass

Neutral
Density

UV Series

XUL0385
ZUL0385



Super Cold

Others

Ordering Information

Order online: www.asahi-spectra.com E-mail: info@asahi-spectra.com

Longpass Filters / UV

Shortpass

Longpass

Bandpass

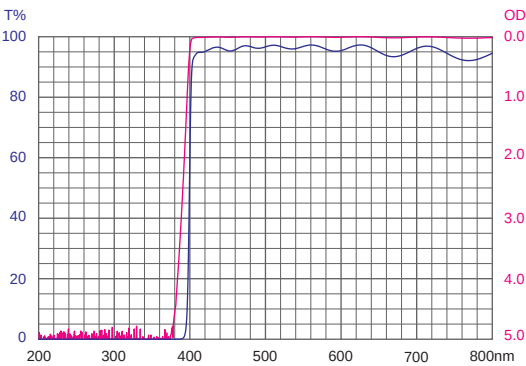
Neutral Density

UV Series

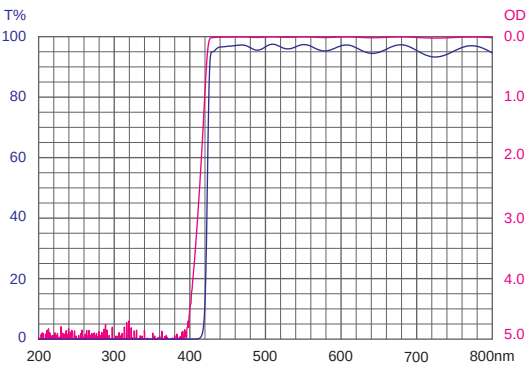
Super Cold

Others

XUL0400
ZUL0400



XUL0422
ZUL0422



Ordering Information

Order online: www.asahi-spectra.com E-mail: info@asahi-spectra.com

Longpass Filters

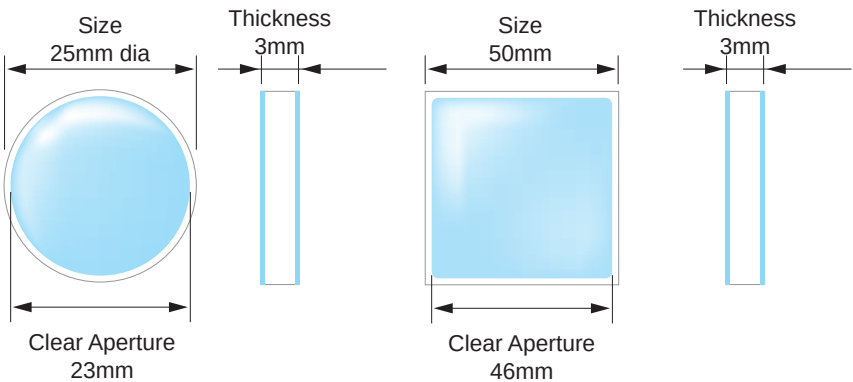
Longpass Filters / VIS



Longpass Filter/VIS is designed to have a sharp transition at each cut on point in VIS range. This line is often used for making bandpass filters when you combine with our Shortpass Filter/VIS. We prepared for variety of cut on wavelengths at every 20nm from 430nm to 730nm. This standard line enables customers to purchase filters with a reasonable price.

Please contact us for custom filters that you cannot find in the standard product line.

Dimensions



Ordering Information

Order online: www.asahi-spectra.com E-mail: info@asahi-spectra.com

Specifications

Wavelength (nm)		Thickness (mm)	Item Number	
Cut-On (T=50%)	Cut-On Tolerance		25mm Diameter	50x50mm
430	+5/-5	3	XVL0430	ZVL0430
450	+5/-5	3	XVL0450	ZVL0450
470	+5/-5	3	XVL0470	ZVL0470
490	+5/-5	3	XVL0490	ZVL0490
510	+5/-5	3	XVL0510	ZVL0510
530	+5/-5	3	XVL0530	ZVL0530
550	+5/-5	3	XVL0550	ZVL0550
570	+5/-5	3	XVL0570	ZVL0570
590	+5/-5	3	XVL0590	ZVL0590
610	+5/-5	3	XVL0610	ZVL0610
630	+5/-5	3	XVL0630	ZVL0630
650	+5/-5	3	XVL0650	ZVL0650
670	+5/-5	3	XVL0670	ZVL0670
690	+5/-5	3	XVL0690	ZVL0690
710	+5/-5	3	XVL0710	ZVL0710
730	+5/-5	3	XVL0730	ZVL0730

Shortpass

Longpass

Bandpass

Neutral Density

UV Series

Super Cold

Others

Ordering Information

Order online: www.asahi-spectra.com E-mail: info@asahi-spectra.com

Longpass Filters / VIS

Shortpass

Longpass

Bandpass

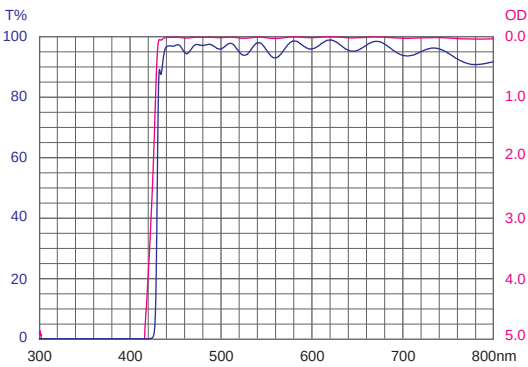
Neutral Density

UV Series

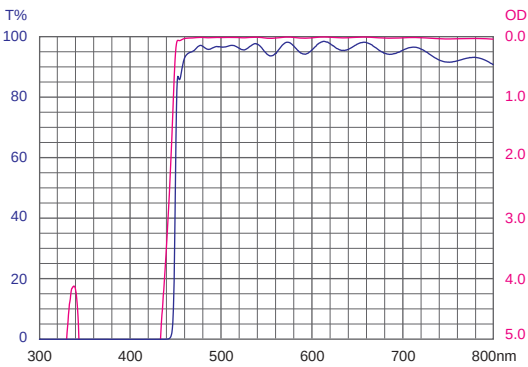
Super Cold

Others

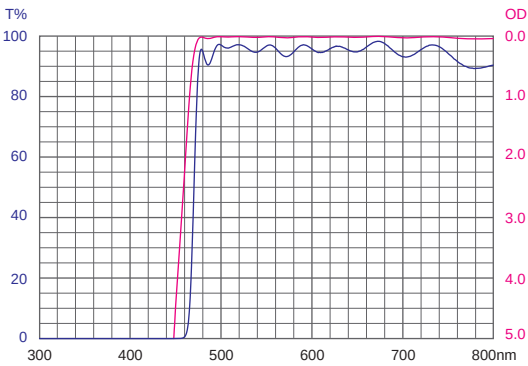
XVL0430
ZVL0430



XVL0450
ZVL0450



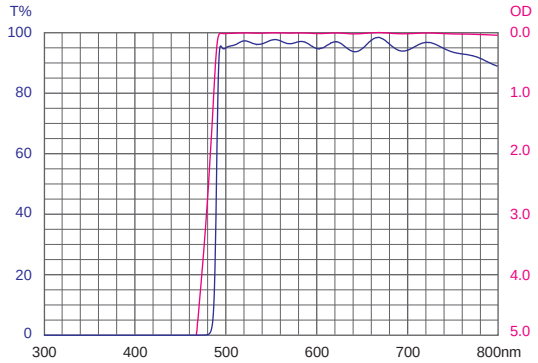
XVL0470
ZVL0470



Ordering Information

Order online: www.asahi-spectra.com E-mail: info@asahi-spectra.com

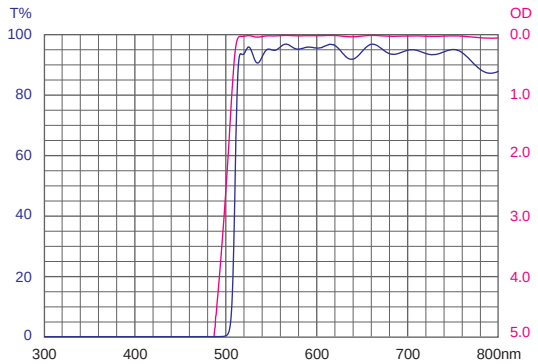
XVL0490
ZVL0490



Shortpass

Longpass

XVL0510
ZVL0510

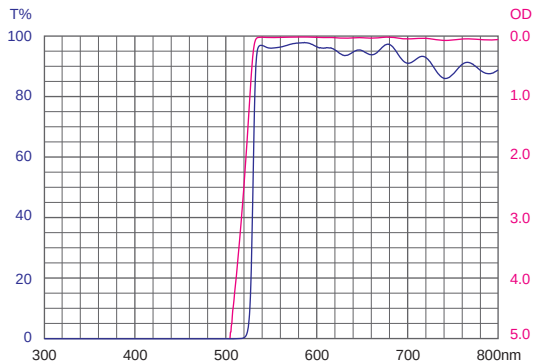


Bandpass

Neutral Density

UV Series

XVL0530
ZVL0530



Super Cold

Others

Longpass Filters / VIS

Shortpass

Longpass

Bandpass

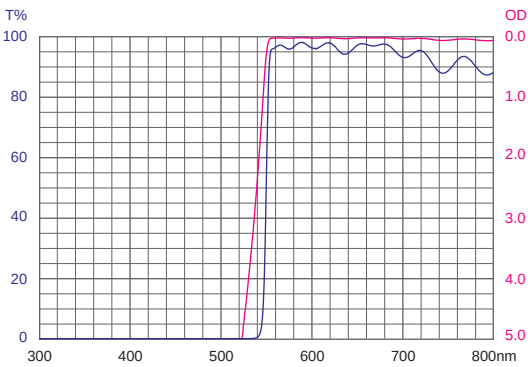
Neutral Density

UV Series

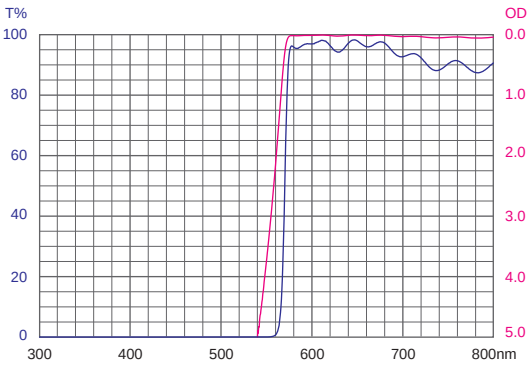
Super Cold

Others

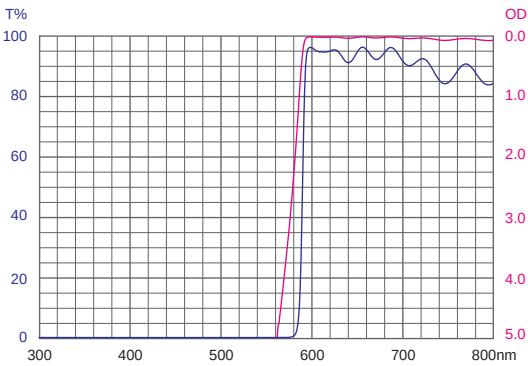
XVL0550
ZVL0550



XVL0570
ZVL0570



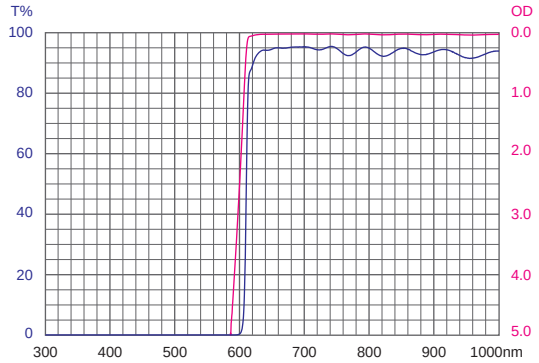
XVL0590
ZVL0590



Ordering Information

Order online: www.asahi-spectra.com E-mail: info@asahi-spectra.com

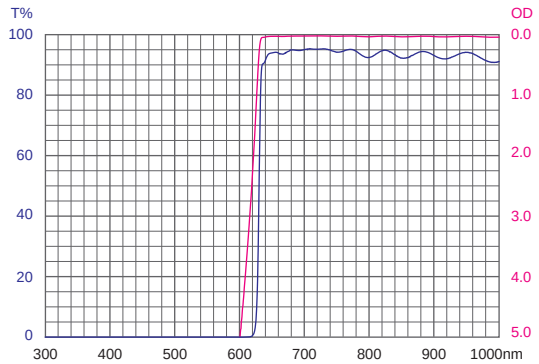
XVL0610
ZVL0610



Shortpass

Longpass

XVL0630
ZVL0630

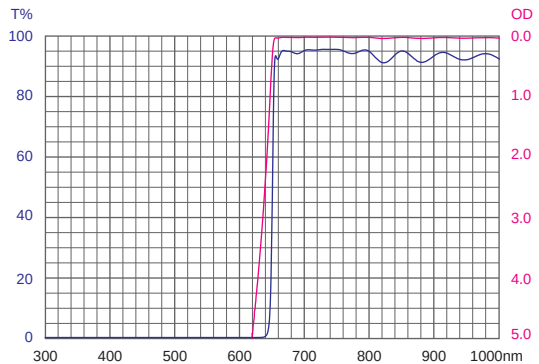


Bandpass

Neutral
Density

UV Series

XVL0650
ZVL0650



Super Cold

Others

Longpass Filters / VIS

Shortpass

Longpass

Bandpass

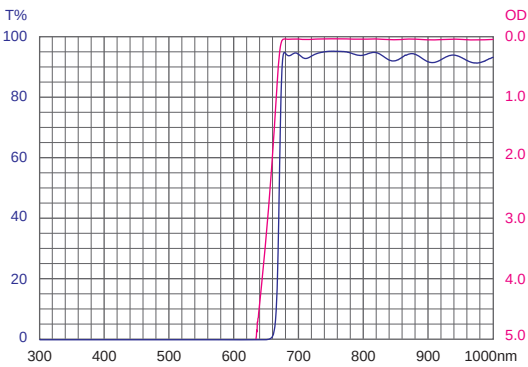
Neutral Density

UV Series

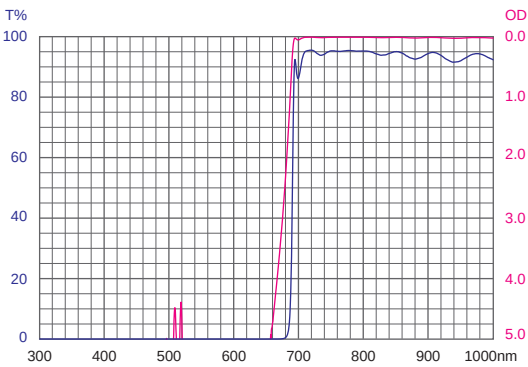
Super Cold

Others

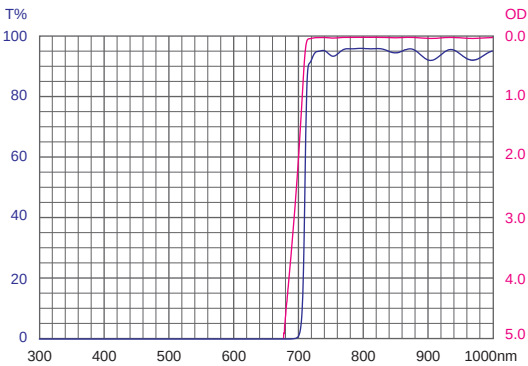
XVL0670
ZVL0670



XVL0690
ZVL0690



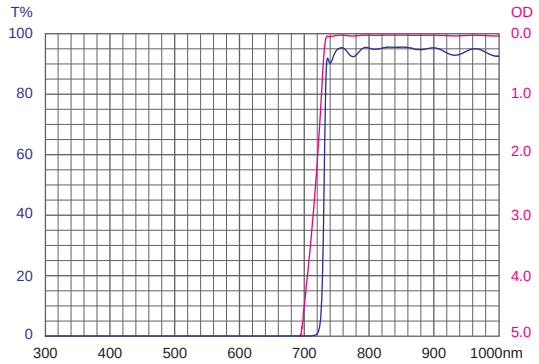
XVL0710
ZVL0710



Ordering Information

Order online: www.asahi-spectra.com E-mail: info@asahi-spectra.com

XVL0730
ZVL0730



Shortpass

Longpass

Bandpass

Neutral
Density

UV Series

Super Cold

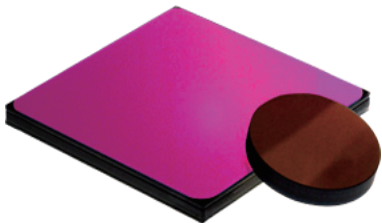
Others

Ordering Information

Order online: www.asahi-spectra.com E-mail: info@asahi-spectra.com

Longpass Filters

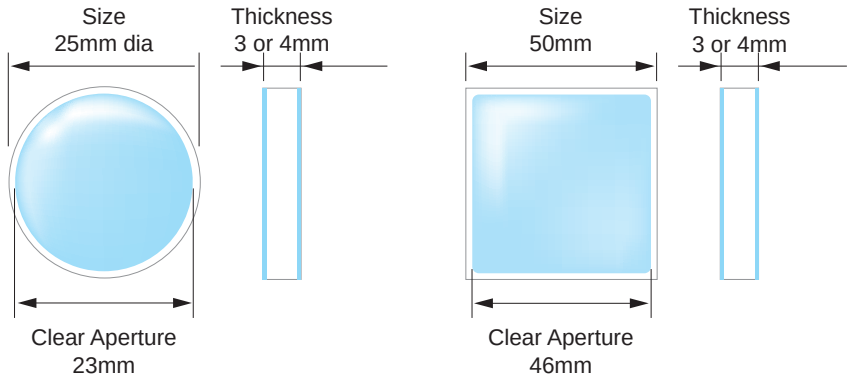
Longpass Filters / IR



Longpass Filter/IR is designed to have a sharp transition at each cut on point in IR range. This line is often used for making bandpass filters when you combine with our Shortpass Filter/IR. They are also used for a study of security field such as finger vein authentic system. All filters are coated by IAD, which achieves high durability against humidity.

Please contact us for custom filters that you cannot find in the standard product line.

Dimensions



Ordering Information

Order online: www.asahi-spectra.com E-mail: info@asahi-spectra.com

Specifications

Wavelength (nm)		Thickness (mm)	Item Number	
Cut-On (T=50%)	Cut-On Tolerance		25mm Diameter	50x50mm
750	+7/-7	3	XIL0750	ZIL0750
780	+7/-7	3	XIL0780	ZIL0780
810	+8/-8	3	XIL0810	ZIL0810
840	+8/-8	3	XIL0840	ZIL0840
870	+8/-8	3	XIL0870	ZIL0870
900	+8/-8	4	XIL0900	ZIL0900
930	+8/-8	4	XIL0930	ZIL0930
960	+8/-8	4	XIL0960	ZIL0960
990	+8/-8	4	XIL0990	ZIL0990

Shortpass

Longpass

Bandpass

Neutral Density

UV Series

Super Cold

Others

Ordering Information

Order online: www.asahi-spectra.com E-mail: info@asahi-spectra.com

Longpass Filters / IR

Shortpass

Longpass

Bandpass

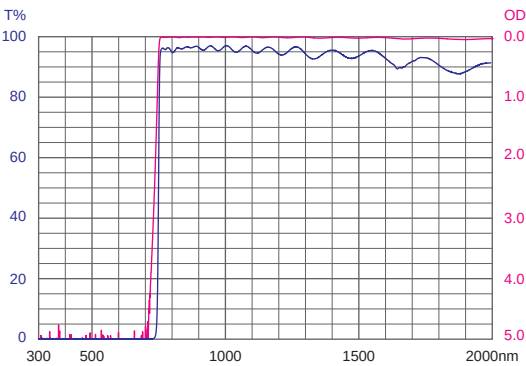
Neutral Density

UV Series

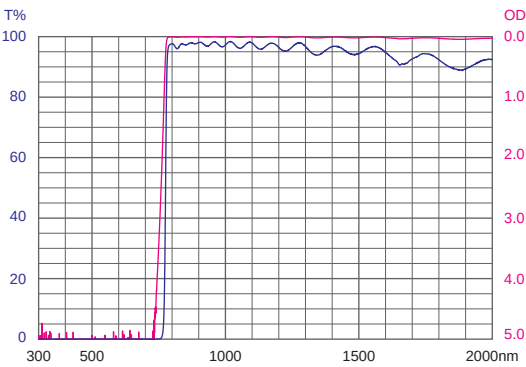
Super Cold

Others

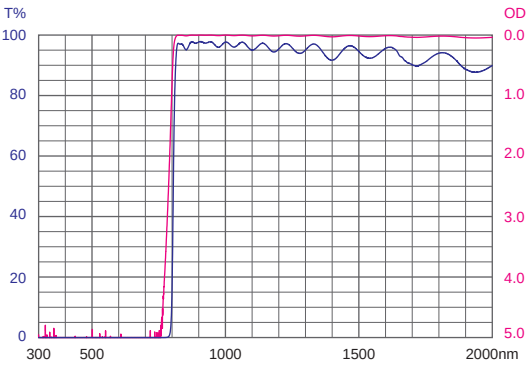
XIL0750
ZIL0750



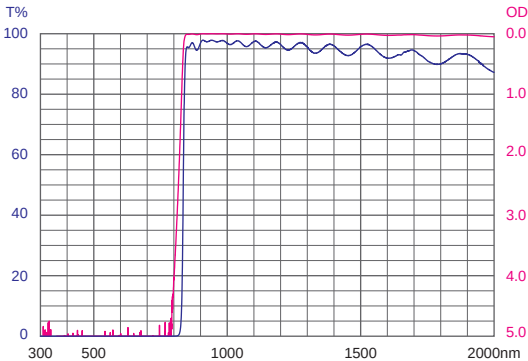
XIL0780
ZIL0780



XIL0810
ZIL0810



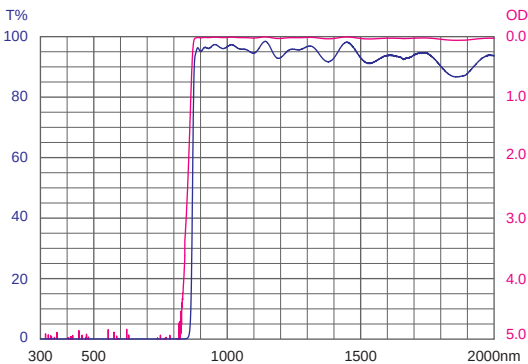
XIL0840
ZIL0840



Shortpass

Longpass

XIL0870
ZIL0870

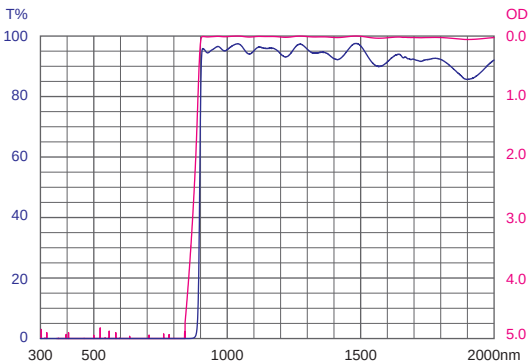


Bandpass

Neutral
Density

UV Series

XIL0900
ZIL0900



Super Cold

Others

Ordering Information

Order online: www.asahi-spectra.com E-mail: info@asahi-spectra.com

Longpass Filters / IR

Shortpass

Longpass

Bandpass

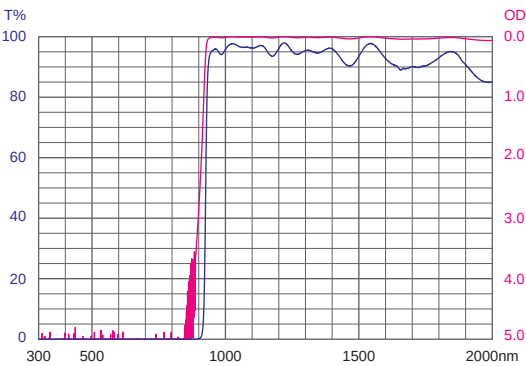
Neutral Density

UV Series

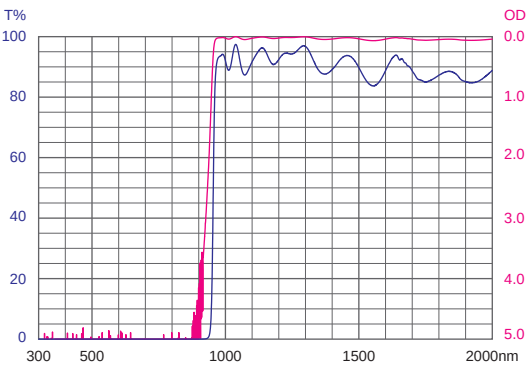
Super Cold

Others

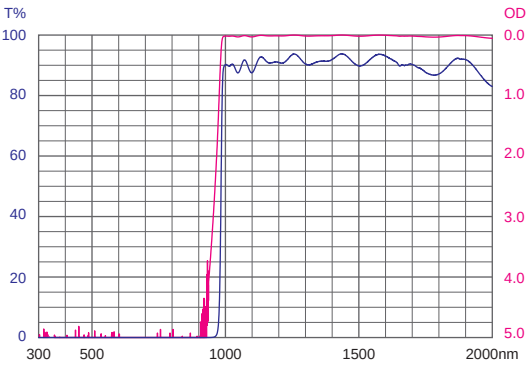
XIL0930
ZIL0930



XIL0960
ZIL0960



XIL0990
ZIL0990



Ordering Information

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