

Shortpass Filters

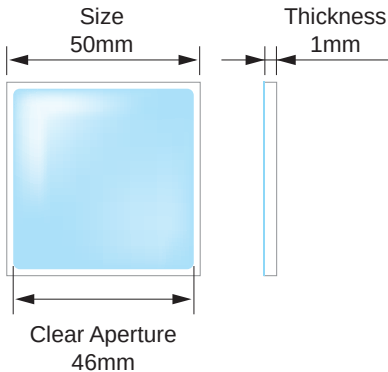
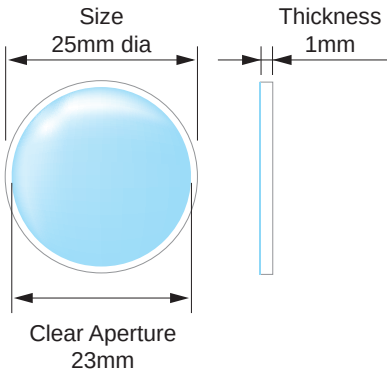
Shortpass Filters / UV



Shortpass Filter/UV is designed to have a sharp transition at each cut off 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 Longpass 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-Off (T=50%)	Cut-Off Tolerance			25mm Diameter	50x50mm
250	+5/-5	Fused Silica	1	XUS0250	ZUS0250
265	+5/-5	Fused Silica	1	XUS0265	ZUS0265
300	+5/-5	Fused Silica	1	XUS0300	ZUS0300
325	+5/-5	Fused Silica	1	XUS0325	ZUS0325
350	+5/-5	Fused Silica	1	XUS0350	ZUS0350
385	+5/-5	Fused Silica	1	XUS0385	ZUS0385
400	+5/-5	Fused Silica	1	XUS0400	ZUS0400
425	+5/-5	Fused Silica	1	XUS0425	ZUS0425
450	+5/-5	Fused Silica	1	XUS0450	ZUS0450
460	+5/-5	Fused Silica	1	XUS0460	ZUS0460
500	+5/-5	Fused Silica	1	XUS0500	ZUS0500

Shortpass

Longpass

Bandpass

Neutral
Density

UV Series

Super Cold

Others

Ordering Information

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

Shortpass Filters / UV

Shortpass

Longpass

Bandpass

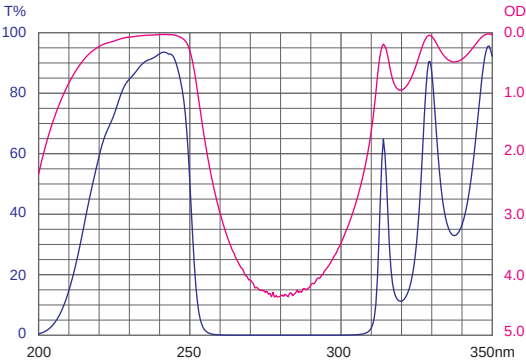
Neutral Density

UV Series

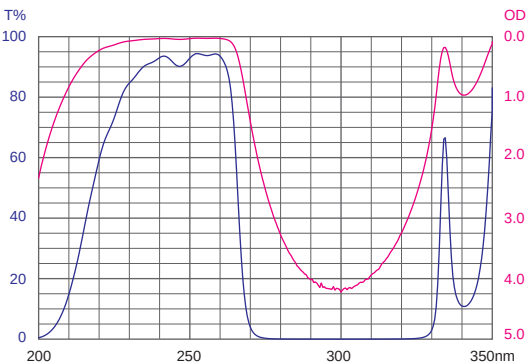
Super Cold

Others

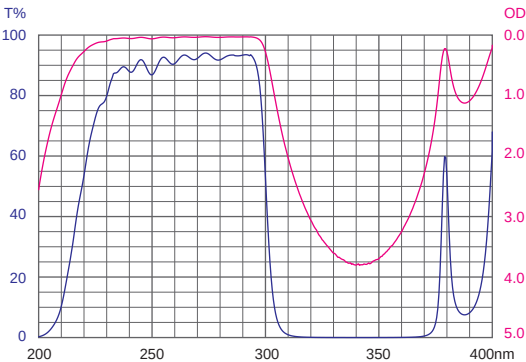
XUS0250
ZUS0250



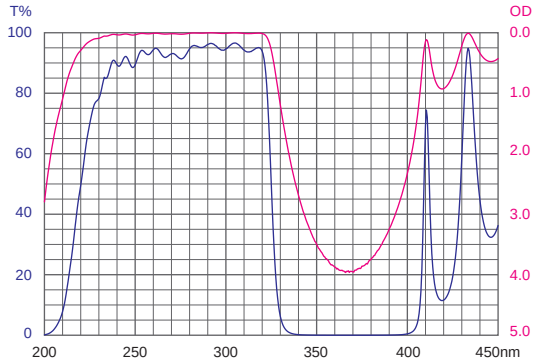
XUS0265
ZUS0265



XUS0300
ZUS0300



XUS0325
ZUS0325



Shortpass

Longpass

Bandpass

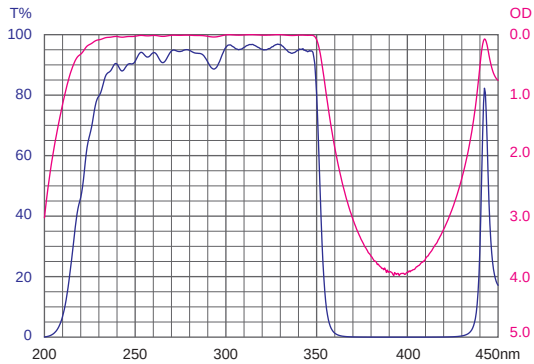
Neutral
Density

UV Series

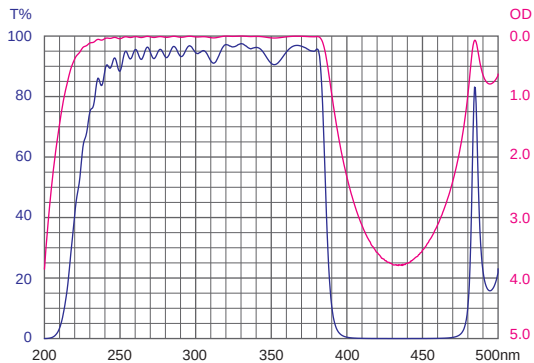
Super Cold

Others

XUS0350
ZUS0350



XUS0385
ZUS0385



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Shortpass Filters / UV

Shortpass

Longpass

Bandpass

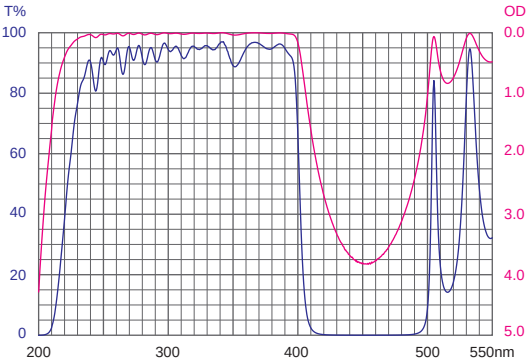
Neutral Density

UV Series

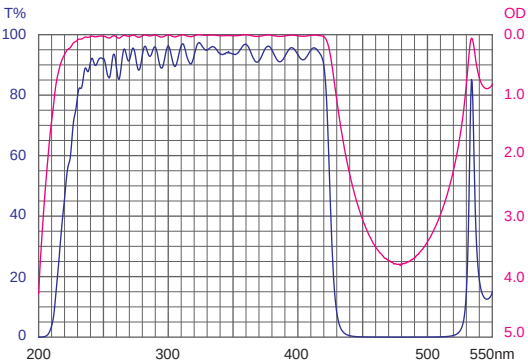
Super Cold

Others

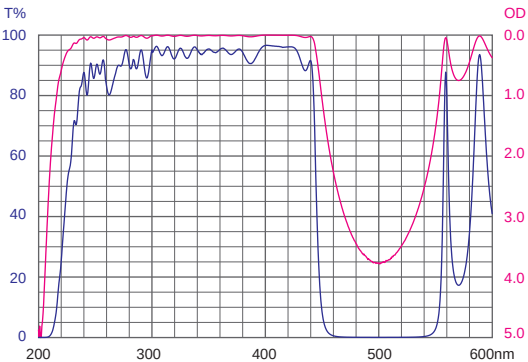
XUS0400
ZUS0400



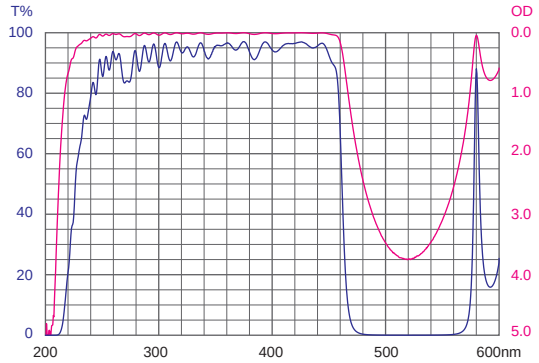
XUS0425
ZUS0425



XUS0450
ZUS0450



XUS0460
ZUS0460



Shortpass

Longpass

Bandpass

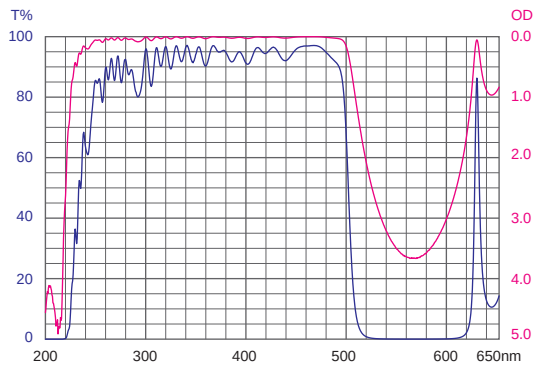
Neutral
Density

UV Series

Super Cold

Others

XUS0500
ZUS0500



Ordering Information

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

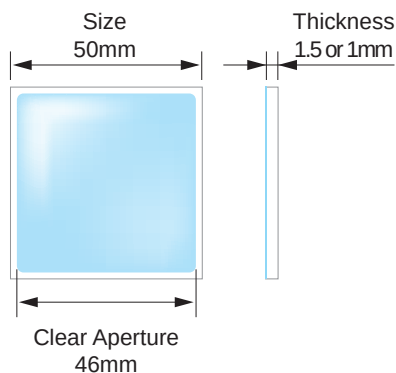
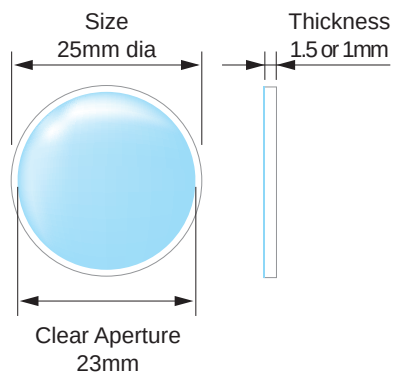
Shortpass Filters

Shortpass Filters / VIS



Shortpass Filter/VIS is designed to have a sharp transition at each cut off point in VIS range. This line is often used for making bandpass filters when you combine with our Longpass Filter/VIS. We prepared for variety of cut off wavelengths at every 20nm from 430nm to 750nm. Especially, ZVS0750 can be used as a heat-blocking filter because it transmits whole VIS range and blocks a part of NIR range where tends to be changed into heat.

Dimensions



Ordering Information

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

Specifications

Wavelength (nm)		Thickness (mm)	Item Number	
Cut-Off (T=50%)	Cut-Off Tolerance		25mm Diameter	50x50mm
430	+5/-5	1.5	XVS0430	ZVS0430
450	+5/-5	1.5	XVS0450	ZVS0450
470	+5/-5	1.5	XVS0470	ZVS0470
490	+5/-5	1.5	XVS0490	ZVS0490
510	+5/-5	1.5	XVS0510	ZVS0510
530	+5/-5	1.5	XVS0530	ZVS0530
550	+5/-5	1.5	XVS0550	ZVS0550
570	+5/-5	1.5	XVS0570	ZVS0570
590	+5/-5	1.5	XVS0590	ZVS0590
610	+5/-5	1.5	XVS0610	ZVS0610
630	+5/-5	1.5	XVS0630	ZVS0630
650	+5/-5	1.5	XVS0650	ZVS0650
670	+5/-5	1.5	XVS0670	ZVS0670
690	+5/-5	1.5	XVS0690	ZVS0690
710	+5/-5	1.5	XVS0710	ZVS0710
750	+7/-7	1	XVS0750	ZVS0750

Shortpass

Longpass

Bandpass

Neutral Density

UV Series

Super Cold

Others

Ordering Information

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

Shortpass Filters / VIS

Shortpass

Longpass

Bandpass

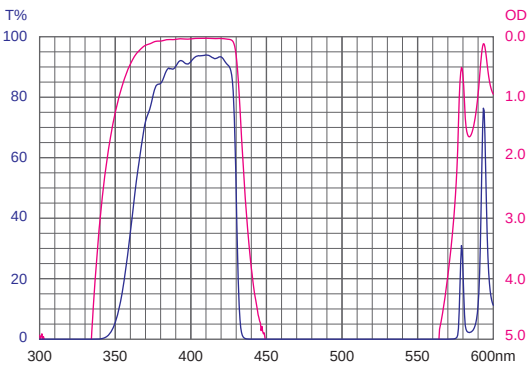
Neutral Density

UV Series

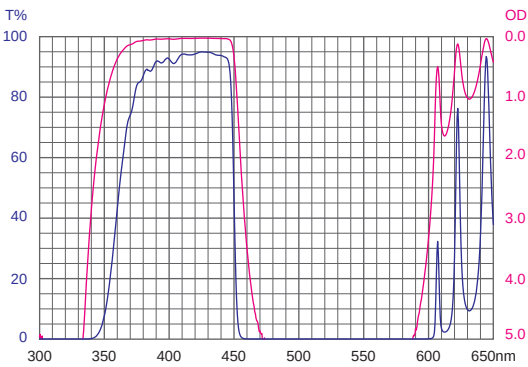
Super Cold

Others

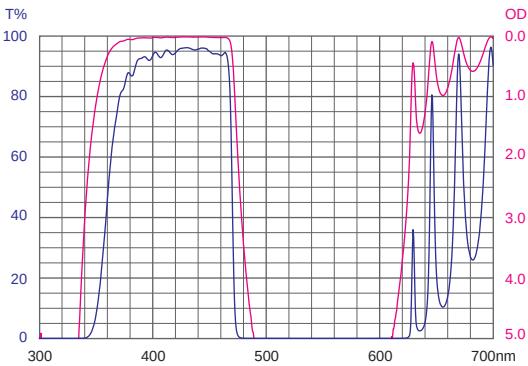
XVS0430
ZVS0430



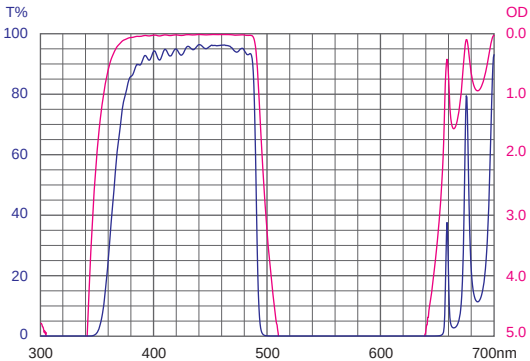
XVS0450
ZVS0450



XVS0470
ZVS0470



XVS0490
ZVS0490



Shortpass

Longpass

Bandpass

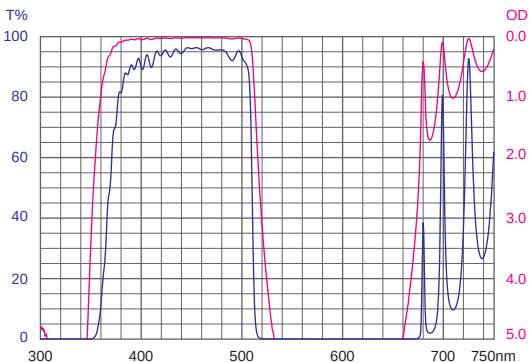
Neutral
Density

UV Series

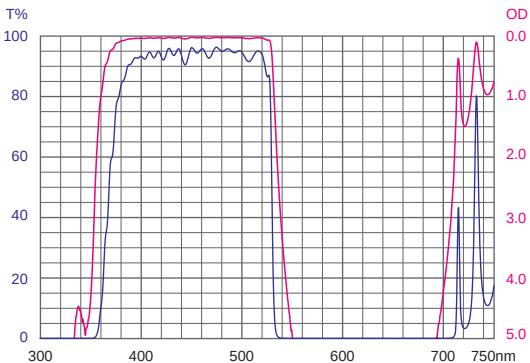
Super Cold

Others

XVS0510
ZVS0510



XVS0530
ZVS0530



Shortpass Filters / VIS

Shortpass

Longpass

Bandpass

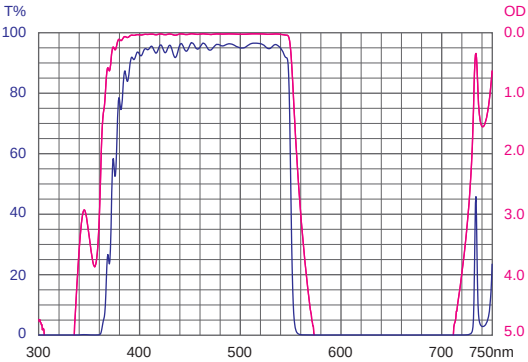
Neutral Density

UV Series

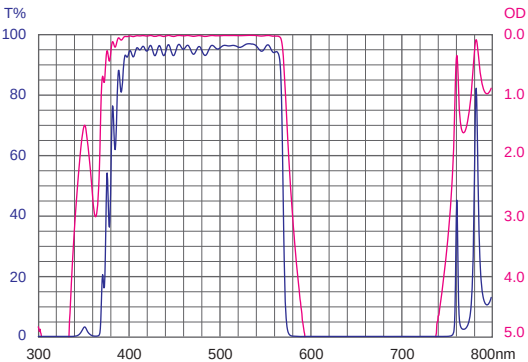
Super Cold

Others

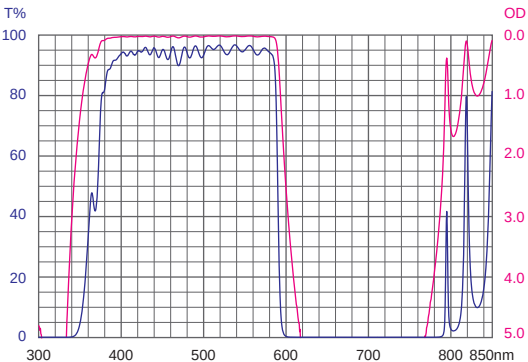
XVS0550
ZVS0550



XVS0570
ZVS0570



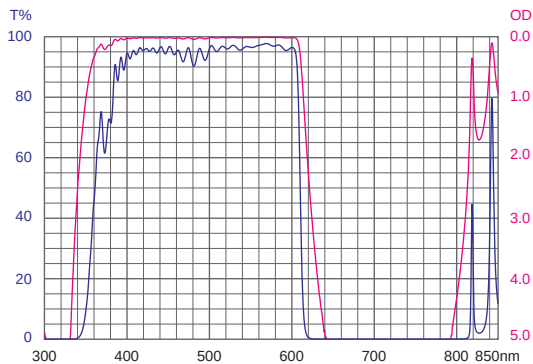
XVS0590
ZVS0590



Ordering Information

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

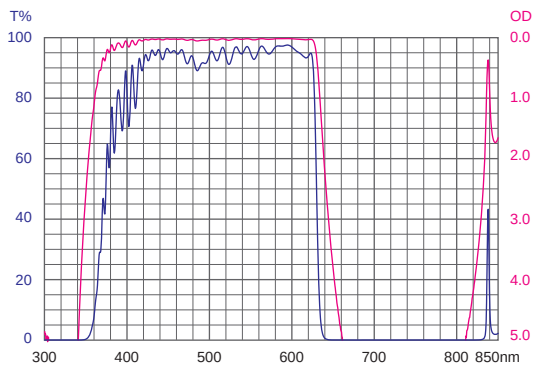
XVS0610
ZVS0610



Shortpass

Longpass

XVS0630
ZVS0630

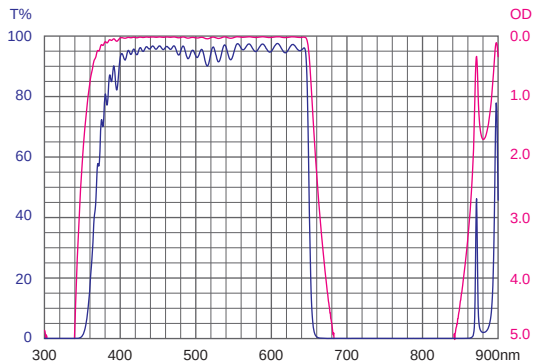


Bandpass

Neutral
Density

UV Series

XVS0650
ZVS0650



Super Cold

Others

Shortpass Filters / VIS

Shortpass

Longpass

Bandpass

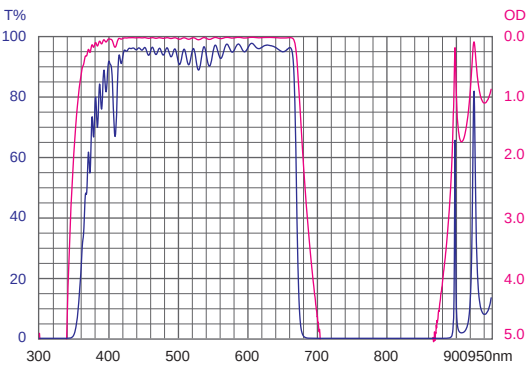
Neutral Density

UV Series

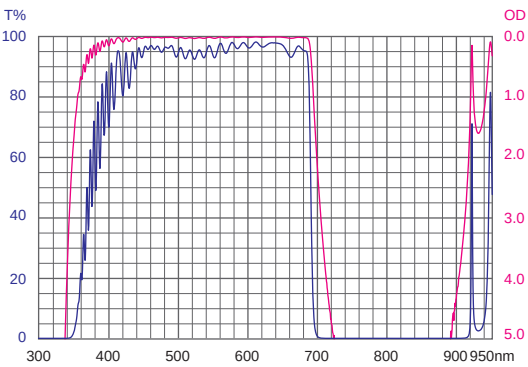
Super Cold

Others

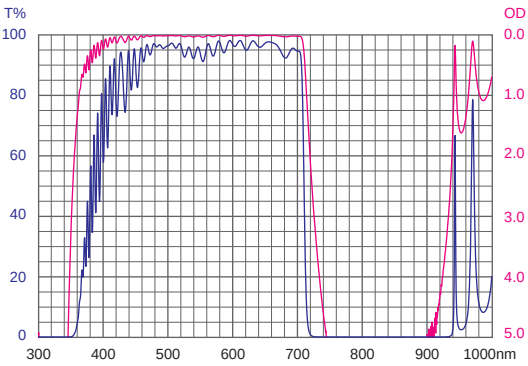
XVS0670
ZVS0670



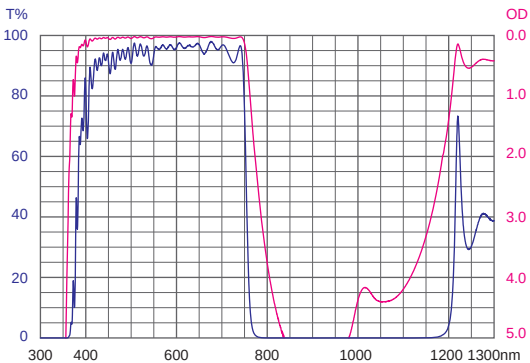
XVS0690
ZVS0690



XVS0710
ZVS0710



XVS0750
ZVS0750



Shortpass

Longpass

Bandpass

Neutral
Density

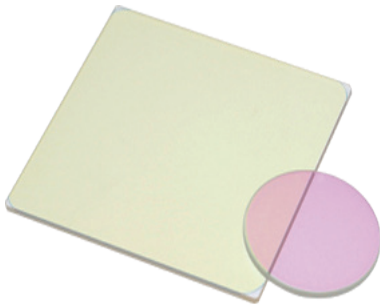
UV Series

Super Cold

Others

Shortpass Filters

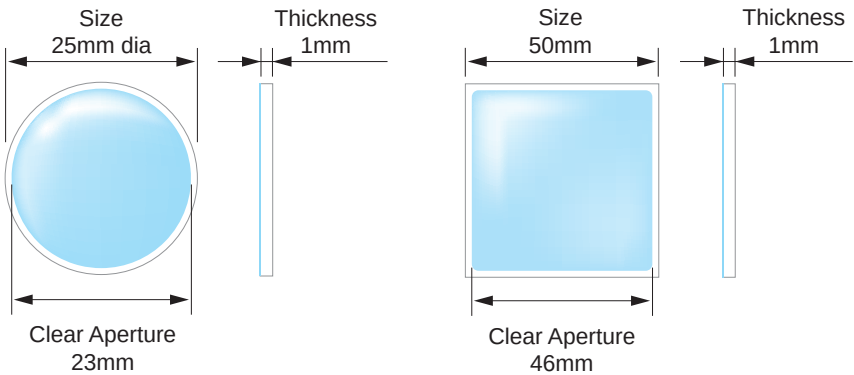
Shortpass Filters / IR



Shortpass Filter/IR is designed to have a sharp transition at each cut off point in IR range. This line is often used for making bandpass filters when you combine with our longpass filter/IR. They are also used for a study of security field such as finger vein authentic system. Substrate material is fused silica which has high durability against heat. All filters are coated by IAD, which achieves high durability against heat and 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)		Substrate	Thickness (mm)	Item Number	
Cut-Off (T=50%)	Cut-Off Tolerance			25mm Diameter	50x50mm
780	+7/-7	Fused Silica	1	XIS0780	ZIS0780
810	+8/-8	Fused Silica	1	XIS0810	ZIS0810
840	+8/-8	Fused Silica	1	XIS0840	ZIS0840
870	+8/-8	Fused Silica	1	XIS0870	ZIS0870
900	+9/-9	Fused Silica	1	XIS0900	ZIS0900
930	+9/-9	Fused Silica	1	XIS0930	ZIS0930
960	+9/-9	Fused Silica	1	XIS0960	ZIS0960
990	+9/-9	Fused Silica	1	XIS0990	ZIS0990

Shortpass

Longpass

Bandpass

Neutral Density

UV Series

Super Cold

Others

Ordering Information

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

Shortpass Filters / IR

Shortpass

Longpass

Bandpass

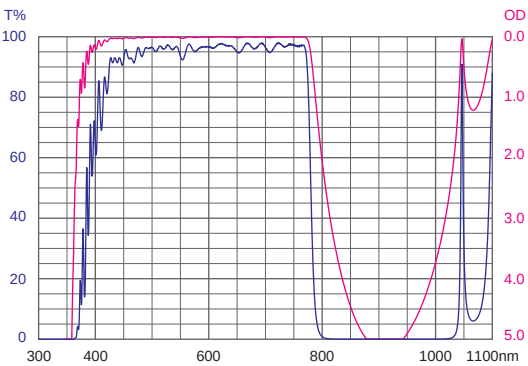
Neutral Density

UV Series

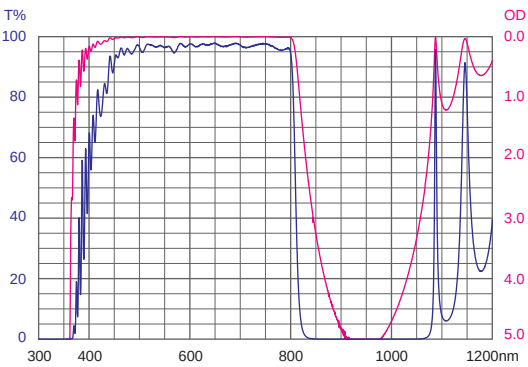
Super Cold

Others

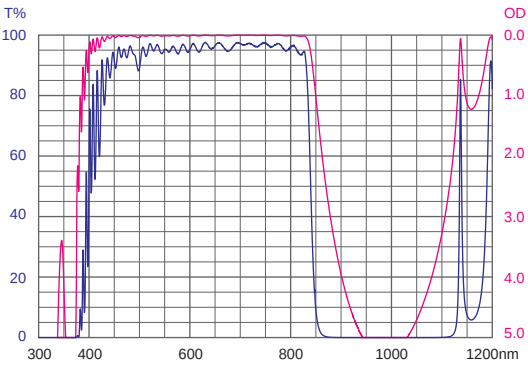
XIS0780
ZIS0780



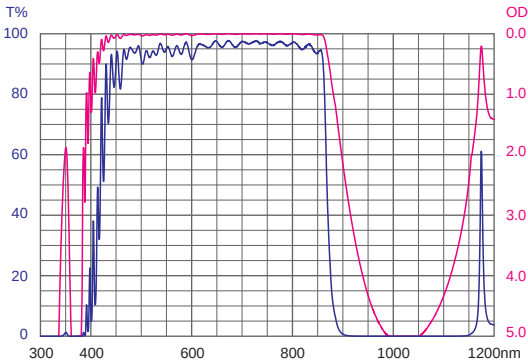
XIS0810
ZIS0810



XIS0840
ZIS0840



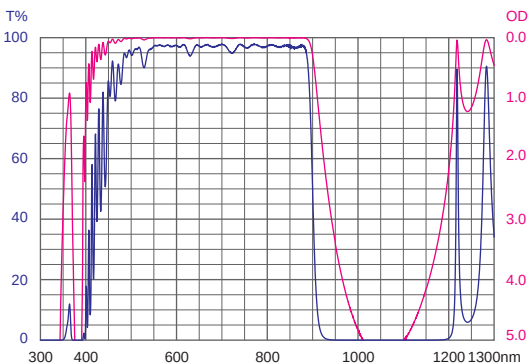
XIS0870
ZIS0870



Shortpass

Longpass

XIS0900
ZIS0900

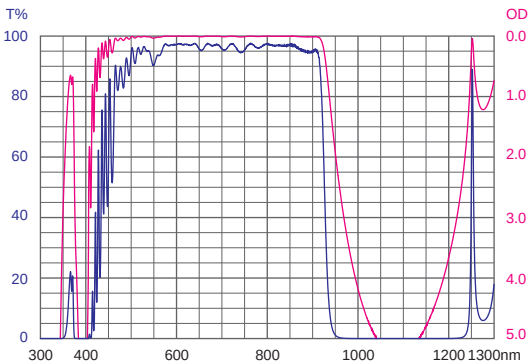


Bandpass

Neutral
Density

UV Series

XIS0930
ZIS0930



Super Cold

Others

Shortpass

Longpass

Bandpass

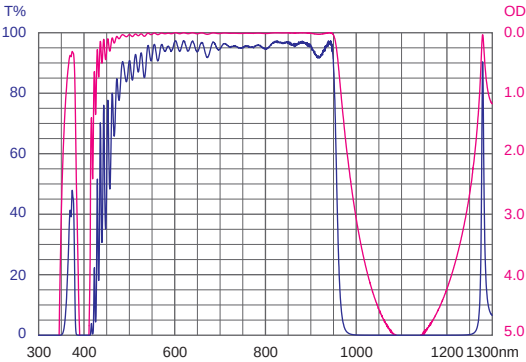
Neutral Density

UV Series

Super Cold

Others

XIS0960
ZIS0960



XIS0990
ZIS0990

