

Longpass Filters, Red/Orange/Yellow Glass

Overview

Long pass filter

Red Filters

Orange Filters

Yellow Filters

Key Features

Long wavelength pass while absorb short wavelength.

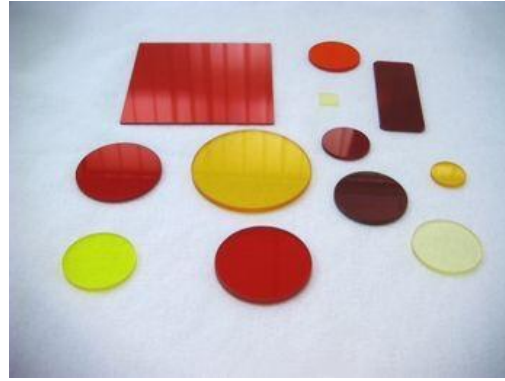
Applications

Medical Equipments.

Optical Equipments.

Laser instruments.

Automatic Optical Inspection Equipment(AOI)



Specifications

ITEM NO: YL-RF-650H (Glass Filters)

Spectral Characteristics

T50%=650 +/- 10nm

Tave>80% @ 700-1100nm

Tave<5% @ 200-600nm

Physical Characteristics

Thickness

Glass: 1~4mm

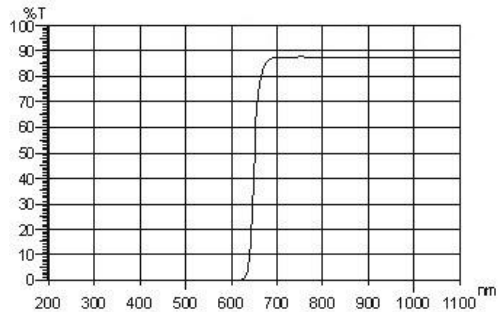
Dimension

Square: 3*3 ~ 150*150mm

Round: 3 ~ 145

Resistant Temperature

120 celsius



ITEM NO: YL-RF-630H (Glass Filters)

Spectral Characteristics

T50%=630 +/- 10nm

Tave>80% @ 400-530nm

Tave<5% @ 800-1000nm

Physical Characteristics

Thickness

Glass: 1.0mm

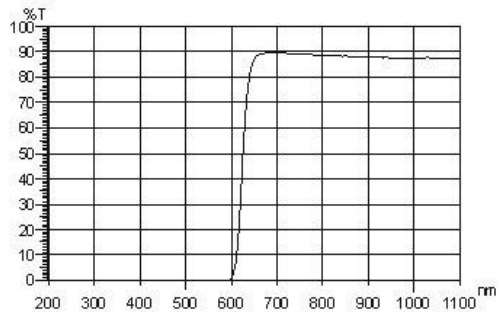
Dimension

Square: 3*3 ~ 150*150mm

Round: 3 ~ 145

Resistant Temperature

150 celsius



ITEM NO: YL-RF-600H (Glass Filters)

Spectral Characteristics

T50%=600 +/- 10nm

Tave>80% @ 650-1100nm

Tave<5% @ 200-540nm

Physical Characteristics

Thickness

Glass: 1~4mm

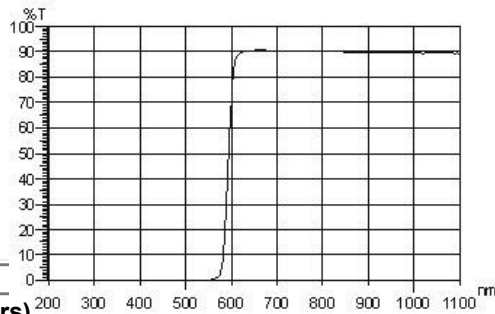
Dimension

Square: 3*3 ~ 150*150mm

Round: 3 ~ 145

Resistant Temperature

150 celsius



ITEM NO: YL-OF-580H (Glass Filters)

Spectral Characteristics

T50%=580 +/- 10nm

Tave>80% @ 630-1100nm

Tave<2% @ 200-530nm

Physical Characteristics

Thickness

Glass: 1~4mm

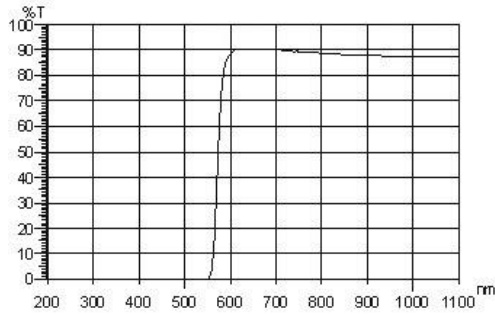
Dimension

Square: 3*3 ~ 150*150mm

Round: 3 ~ 145

Resistant Temperature

120 celsius



ITEM NO: YL-OF-565H (Glass Filters)

Spectral Characteristics

T50%=565 +/- 10nm

Tave>80% @ 620-1100nm

Tave<2% @ 200-510nm

Physical Characteristics

Thickness

Glass: 1~4mm

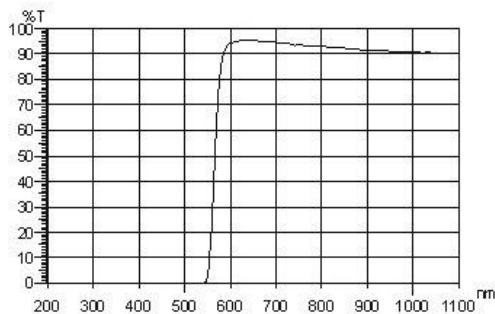
Dimension

Square: 3*3 ~ 150*150mm

Round: 3 ~ 145

Resistant Temperature

120 celsius



ITEM NO: YL-OF-535H (Glass Filters)

Spectral Characteristics

T50%=535 +/- 10nm

Tave>80% @ 590-1100nm

Tave<2% @ 200-480nm

Physical Characteristics

Thickness

Glass: 1~4mm

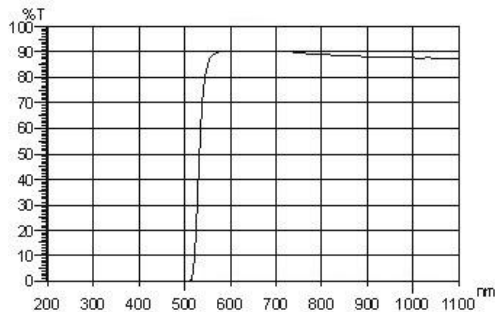
Dimension

Square: 3*3 ~ 150*150mm

Round: 3 ~ 145

Resistant Temperature

120 celsius



ITEM NO: YL-YF-490H (Glass Filters)

Spectral Characteristics

T50%=490 +/- 10nm

Tave>80% @ 540-1100nm

Tave<2% @ 200-440nm

Physical Characteristics

Thickness

Glass: 1~4mm

Dimension

Square: 3*3 ~ 150*150mm

Round: 3 ~ 145

Resistant Temperature

120 celsius

ITEM NO: YL-YF-450H (Glass Filters)

Spectral Characteristics

T50%=450 +/- 10nm

Tave>80% @ 500-1100nm

Tave<2% @ 200-400nm

Physical Characteristics

Thickness

Glass: 1~4mm

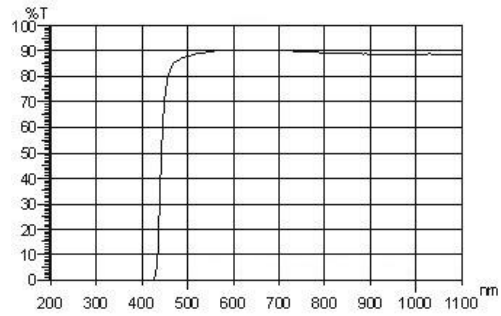
Dimension

Square: 3*3 ~ 150*150mm

Round: 3 ~ 145

Resistant Temperature

120 celsius



Information and Notes

- 1. Red, orange and yellow glass absorbing short wavelength range and transmitting red, orange and yellow wavelength.
- 2. The transmittance curves are based on actual measurements and may be different with manufacturing lots.
- 3. Glass Filters are also called "colored glass filters" or "color filters" generically.
- 4. Browse below for more information and products,