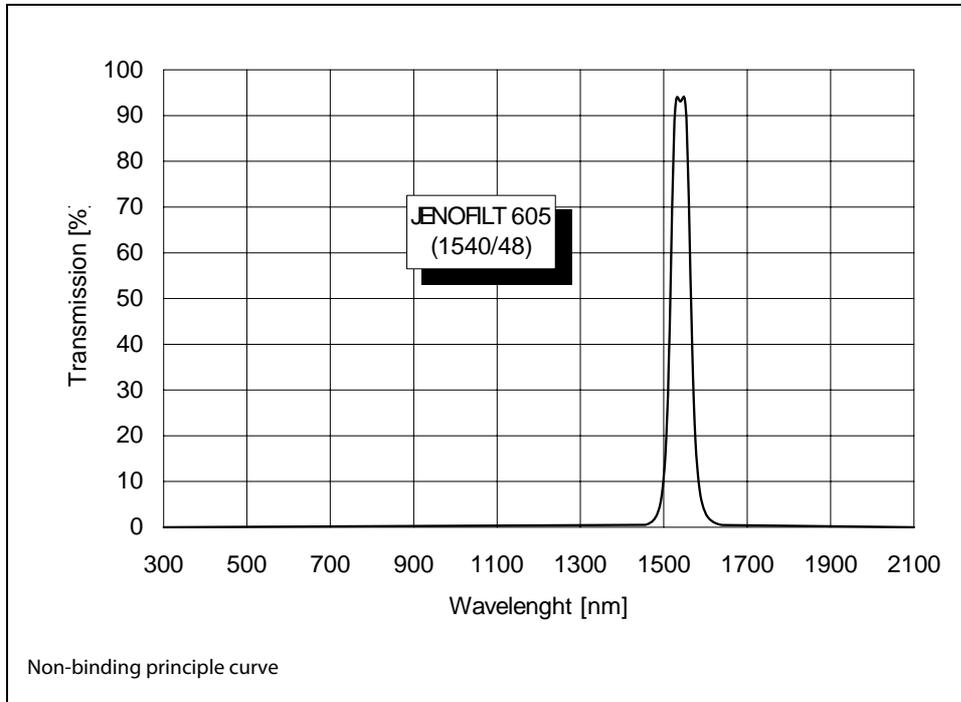


JENOFILT 605

Bandpass Filter with CWL from 1060 nm to 1800 nm



Bandpass Filter
for VIS/NIR

Optical properties:

CWL: [nm]	1060 ± 6	1540 ± 8	1780 ± 9
Transmission: > 70%	> 75%	> 75%	> 75%
HBW [nm]:	28 ± 5	48 ± 5	55 ± 5
Blocking range: UV to	UV to	UV to	
1500 nm	2200 nm	2500 nm	

The transmission in the blocking range is $T_{\text{ava}} < 0.1\%$.

Other central wavelengths between 1060 nm and 1800 nm are possible.

If the central wavelength changes, all other spectral properties change accordingly.

Applications:

This filter suppresses undesired stray light in optical arrangements, which use luminescence diodes or semiconductor lasers as a light source.

It can be used without combining them with coloured glass. This enables very small thicknesses.

Durability:

Adhesion: MIL-C-675C / section 4.5.12

Humidity: MIL-C-675C / section 4.5.8

Abrasion resistance: MIL-C-675C / section 4.5.11

Temperature: MIL-M13508 / section 4.4.4

Substrate material:

BK. or float glass is typically used. Other types of optical glass are possible.

Typical diameters are 6 mm to 50 mm and thicknesses of 0,5 mm to 1 mm. Other sizes are available on request.

Special features:

On request glass pane can be cut into rectangular pieces > 2 mm.

Issue:

December 99

Doc-No.:

fil605-99-14-1299-en

Ordering code:

JENOFILT 605 (CWL/HBW)