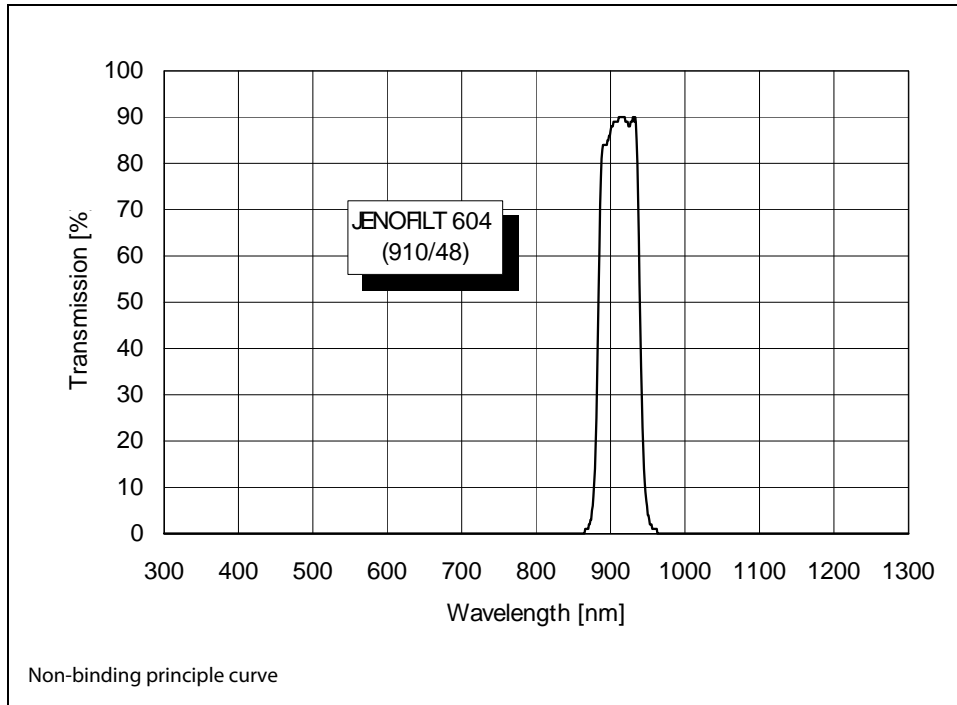


JENOFILT 604

Bandpass Filter with CWL from 880 nm to 1060 nm



Bandpass Filter
for VIS/NIR

Optical properties:

CWL: [nm]	880±5	910±5	940±5	980±5
Transmission:	> 70%	> 70%	> 75%	> 75%
HBW [nm]:	45±5	48±5	50±5	53±5
Blocking range:	UV to 1200 nm	UV to 1250 nm	UV to 1300 nm	UV to 1300nm

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

Other central wavelengths between 880 nm and 1060 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:

BK7 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.

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JENOFILT 604 (CWL/HBW)