

# Interference Filter BP 640 nm FWHM 100 nm

Filter type:	Band pass	Surface:	5/2x0.16 <sup>1</sup>
Center wavelength:	640 nm	Wavefront distortion <sup>2</sup> :	1λ
Bandwidth (FWHM):	100 nm	Parallelism:	1 arc minute
Wavelength tolerance:	± 15 nm	Diameter tolerance:	+0 -0.3 mm
Peak transmittance:	> 90 %	Thickness:	2.0 ± 0.2 mm
Blocking:	< 1%		

## Order instructions:

Unmounted filter: IFG – BP – 640 – 100 – *Size*

*Size*: diameter in mm

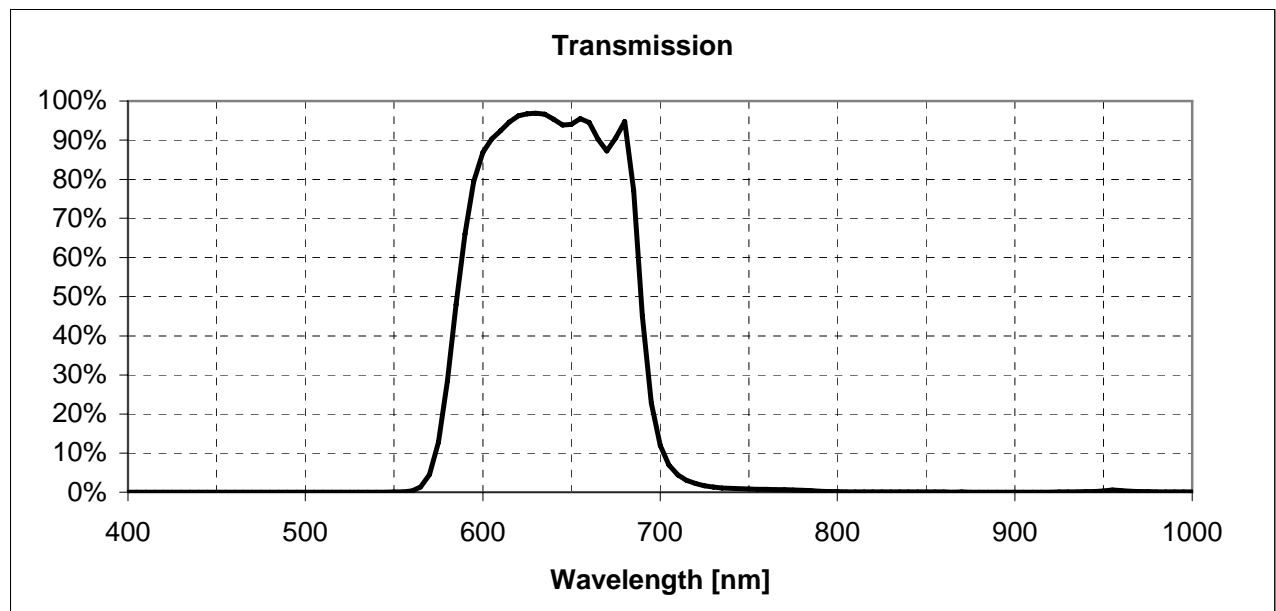
Mounted filter: IF – BP – 640 – 100 – SH – *Size*

*Size*: Thread of the standard mount SH

Examples:

IFG – BP – 640 – 100 – 64 (unmounted, 64 mm diameter)

IF – BP – 640 – 100 – SH – 67 (mounted for M67)



<sup>1</sup> Surface specification according to ISO 10110, quality usually similar to MIL 80-50 scratch-dig or better

<sup>2</sup> per 30mm at 633nm

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Jos. Schneider Optische Werke GmbH is certified ISO 9001.

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