

Standard Bandpass Filters

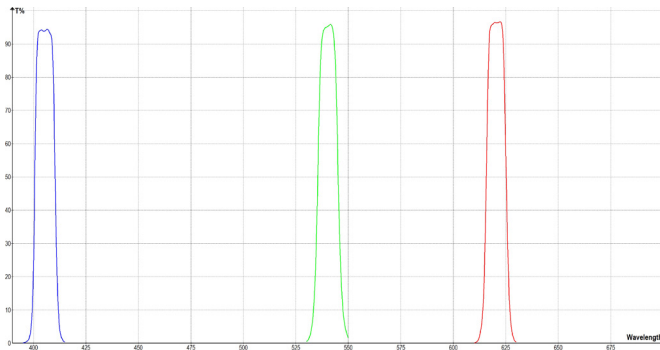
A bandpass filter is a filter that transmits a specific spectral band (passband) and rejects wavelengths outside this band (off-band or the blocking area).

Ferroperm Optics offer custom specified bandpass filters with exceptionally good blocking for photometric measurements within the biomedical field. The peak transmittance at different wavelengths in a filter set can either be high, have a standard transmittance or be completely matched to comply with the sensitivity of the optical system of the customer.

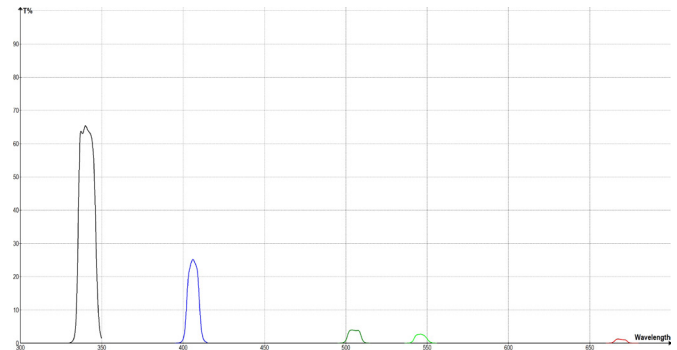
Ferroperm Optics offer a comprehensive range of standard filters for photometric applications in the spectral area of 280 nm to 1100 nm. The nominal bandwidth is typically 8 or 10 nm.

Standard dimensions are:
Diameter 10.0 mm
Diameter 12.7 mm or ½"
Square 6x6 mm

Other dimensions as well as non-standard bandwidths are available on request.



Example 1: A set of standard bandpass filters with high transmittance.



Example 2: A set of 5 different bandpass filters with a matched transmittance.

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