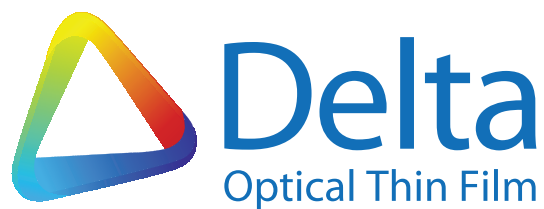


Data Sheet



Linear Variable Bandpass Filter for Hyperspectral Imaging (LF103252)

For sensor size 25 mm x 25 mm

λ_{center} travelling from ≤ 450 nm to ≥ 850 nm within ≤ 25 mm

Fully blocked in the light-sensitive wavelength range of silicon-based detectors

Average transmittance

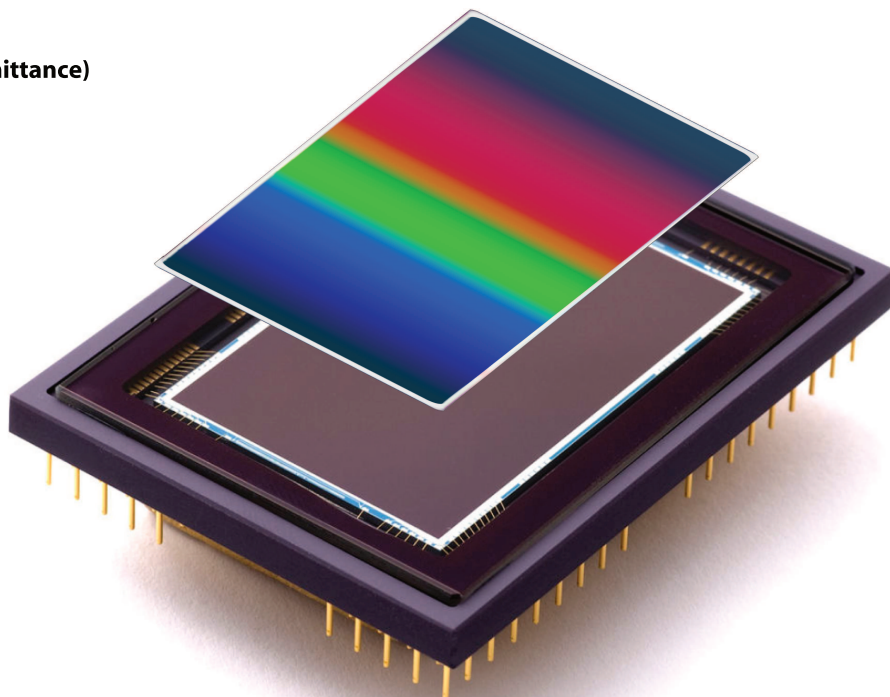
T_{avg}	λ_{center}
70% – 90%	450 nm – 850 nm

Broad-band blocking (average transmittance)

T_{avg}	λ
$\leq 0.01\%$	200 nm – 1100 nm

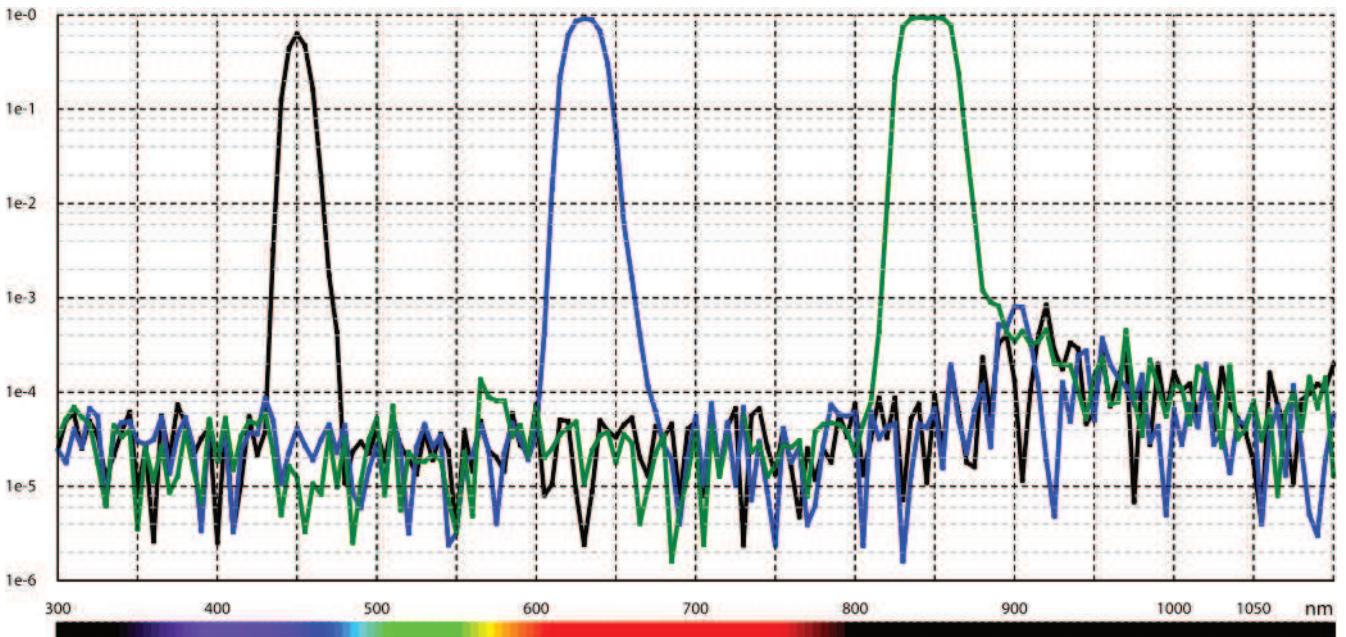
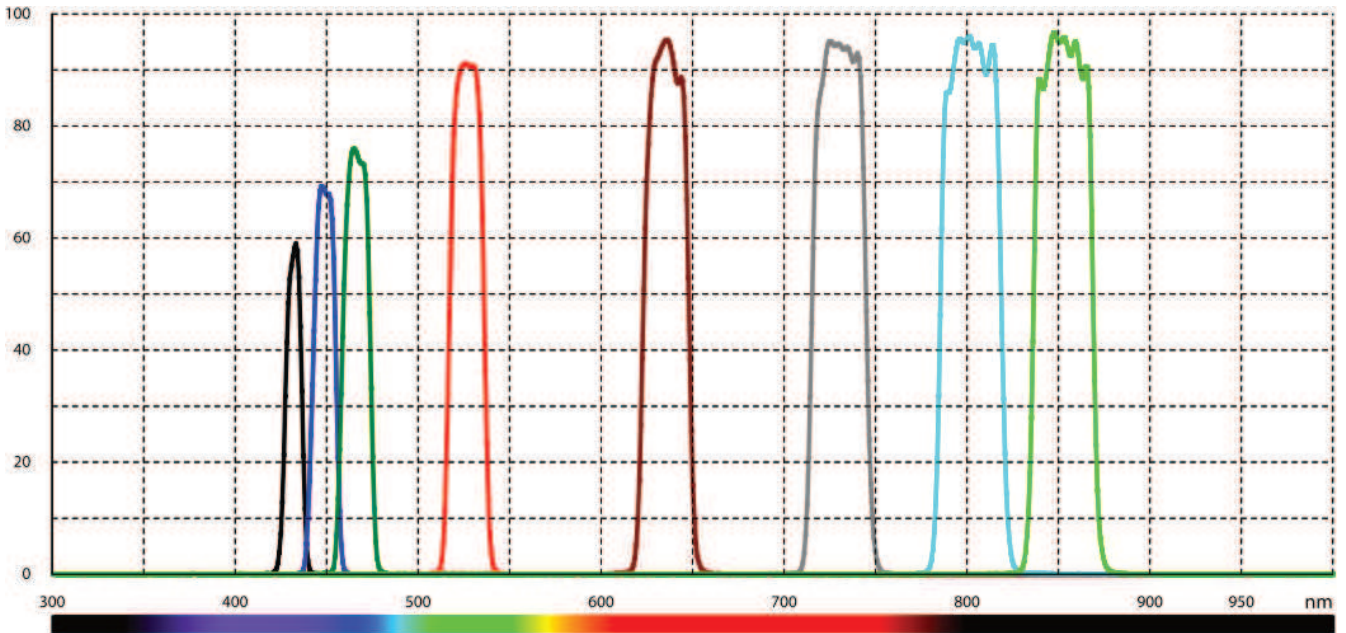
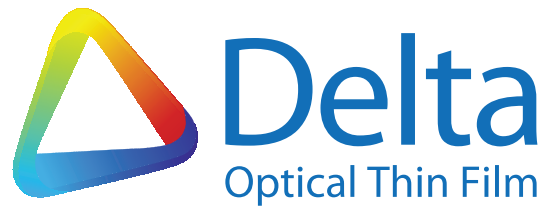
Bandwidth

FWHM	λ_{center}
$4\% * \lambda_{\text{center}}$	450 nm – 850 nm



Brighter Solutions from www.deltaopticalthinfilm.com

Data Sheet



Bulge from 860 nm and upwards due to low detector sensitivity.

Brighter Solutions from www.deltaopticalthinfilm.com