

Low Pass Filter



Product Description:

Our new terahertz (THz) low pass filter is constructed from a microstructured material that blocks the visible through mid IR while passing THz beams.

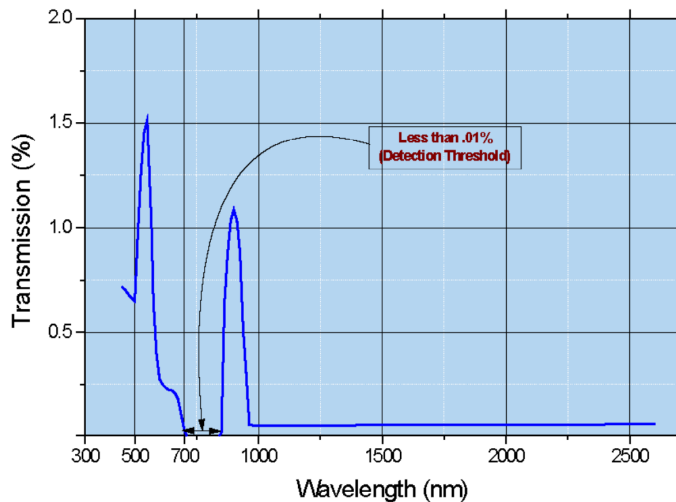
It is an excellent filter for optical THz generation systems such as time domain THz spectroscopy systems. It has optimal characteristics for use in zinc telluride based systems and for typical photoconductive switch systems as well.

As can be seen in the figure below, the measured transmission in the 700 to 850 nm range is below .01%. At wavelengths longer than 975 nm the transmission is below .1%. These measurements were done with a laser beam spectrally filtered to the wavelength of interest from a super-continuum white light coherent source



Product Specifications:

THz Low Pass Filter Visible To Mid IR Transmission Spectrum



Low Pass Filter THz Transmission

