

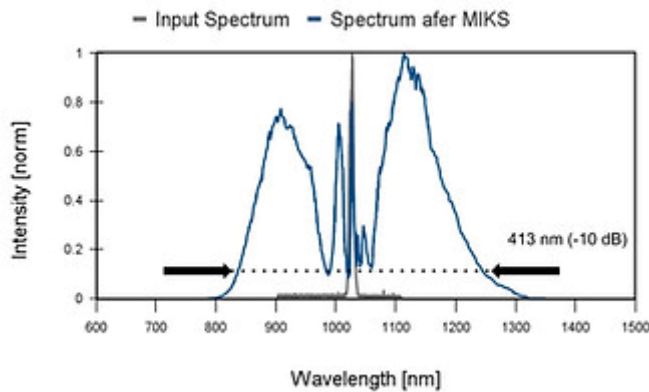
MIKS12_UP @ Pharos (Light Conversion)

Here we show the performance of our MIKS12_UP module driven by Pharos laser. The compressed output pulses reach 7 fs in duration with 83 % power transmission. Starting from 230 fs input pulses this corresponds to an increase in peak power of factor 27. The self-phase modulated spectrum and the pulse compression are shown in the graphs below.

Input Pharos: 230 fs, 12 μ J, 1 MHz

Output MIKS12_UP: 7 fs, 10 μ J, 1 MHz

Input spectrum vs. output spectrum



Input autocorrelation vs. output autocorrelation

