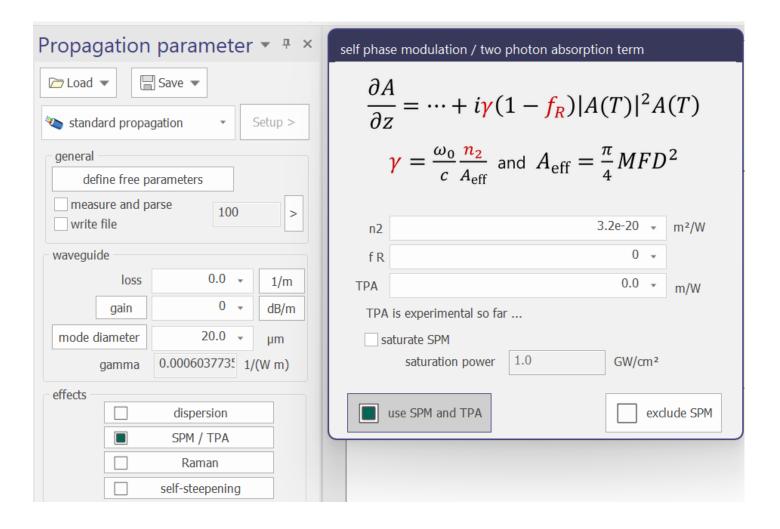


Nonlinear Optical Loop Mirror

The loop shall be a single nonlinear element without dispersion.

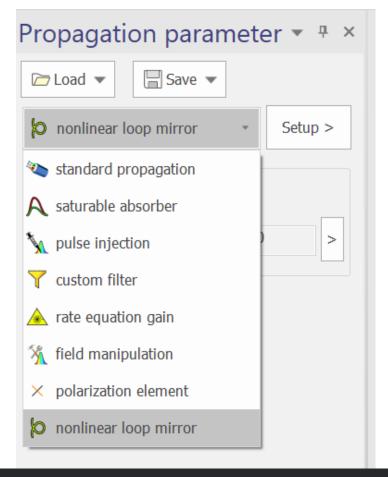
Save this element as

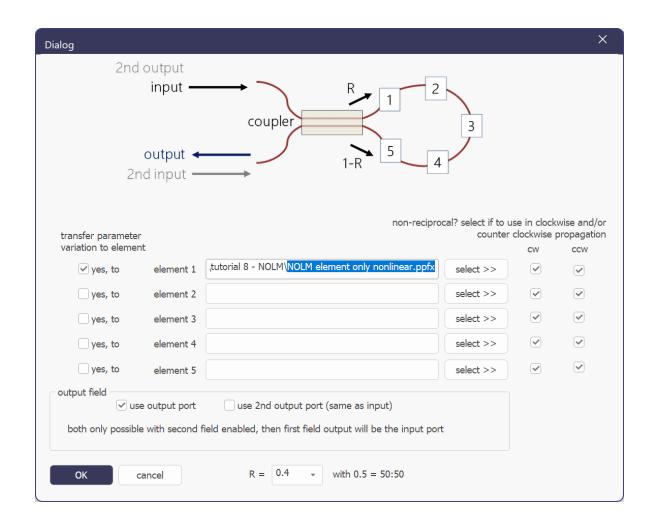
NOLM element only nonlinear.ppfx





Choose the NOLM element and start the setup dialog

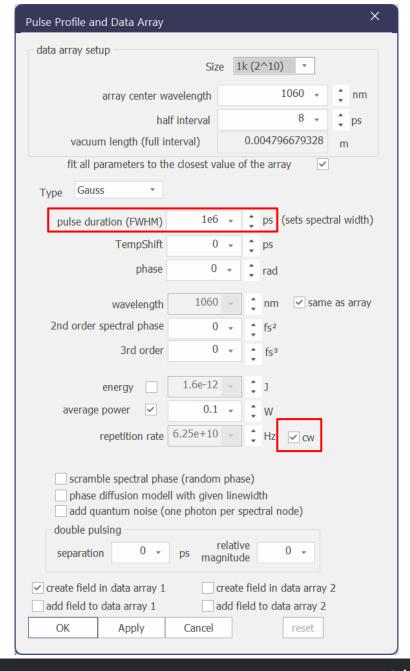




Select the previously saved file for the first element. The output will be the result.



In order to see the effect of the nonlinearity in the loop, please define a new pulse as "cw" according to the settings here.





Now the power is varied in the parameter variation dialog as well as the splitting ratio. The displayed results is the output power over the input power.

