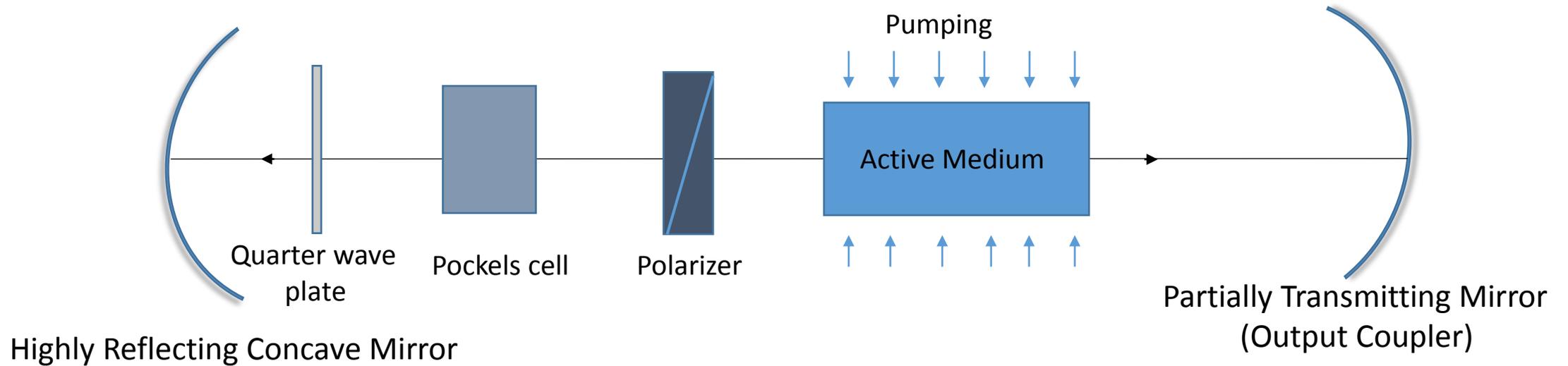


Q-Switching

Quality of the cavity can be changed using an attenuator arrangement which involves:-

- Pockels cell which is used to alter the polarization of the light. This is based upon the Pockels' effect according to which refractive index of medium changes linearly with applied electric field.
- Quarter wave plate is used to convert the linear polarized into circular polarized light.

Q-Switching



Schematic diagram of Active Q-Switching