

- mirror R2/lense 1 and collimatorlense: 600mm - X
 - 615mm = optical way of the incoupling breadboard (450mm) + thickness breadboard (10mm) + distance between breadboard and vacuumchamber (30mm) + distance between vacuumchamber and cavity mirror R2 (130mm)
- collimatorlense and fiber: 2.75 μm

We used the programm *Strahl.exe* (@IQ) or *STRAHLFP.EXE* (@PTB) (same software, but different names).

Step 1: Beam waist calculation from resonator

Step 2:

Step 3:

Step 4:

Step 4b

From:
<https://iqwiki.iqo.uni-hannover.de/> - IQwiki

Permanent link:
https://iqwiki.iqo.uni-hannover.de/doku.php?id=groups:mg:project_ptb-cavity:mode_matching_second_try&rev=1504773971

Last update: 2017/09/07 08:46

