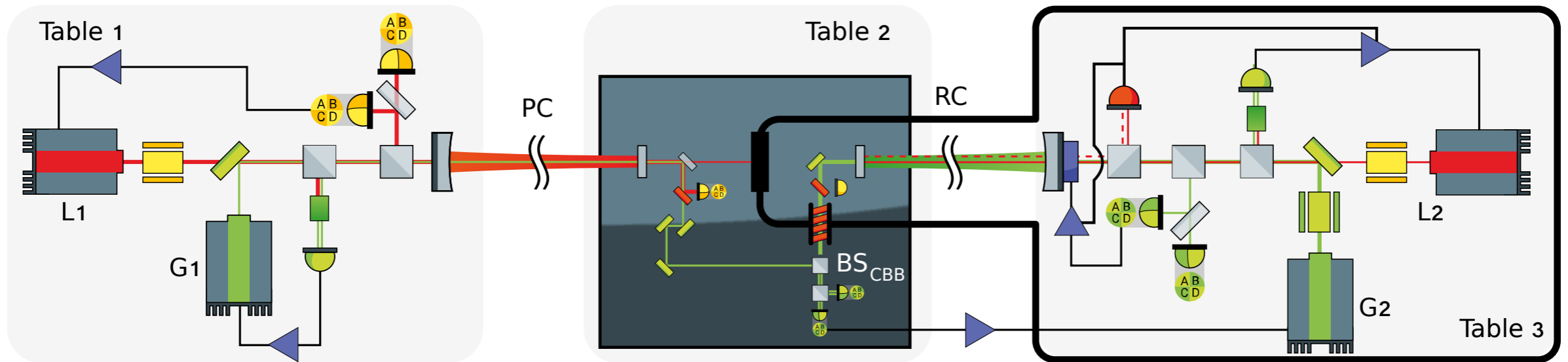


General Issues

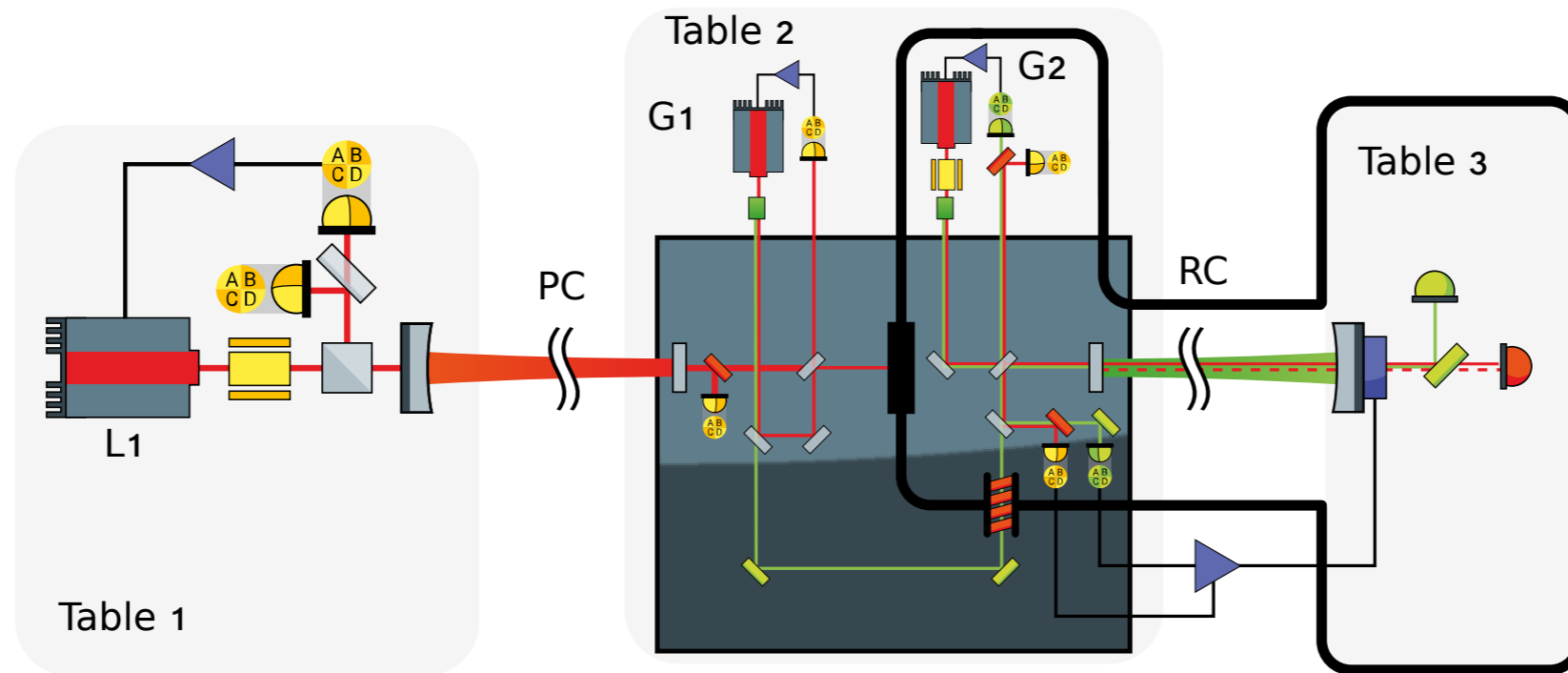
- Length Stability of the PC
 - Reference cavity
- Changes in effective point of reflection
 - Maintain resonance of local oscillator
 - Specify mirror coatings
- ULE central breadboard
 - Stability of the mounts
 - Where is ULE required?

G1 on T1, G2 and L2 on T3



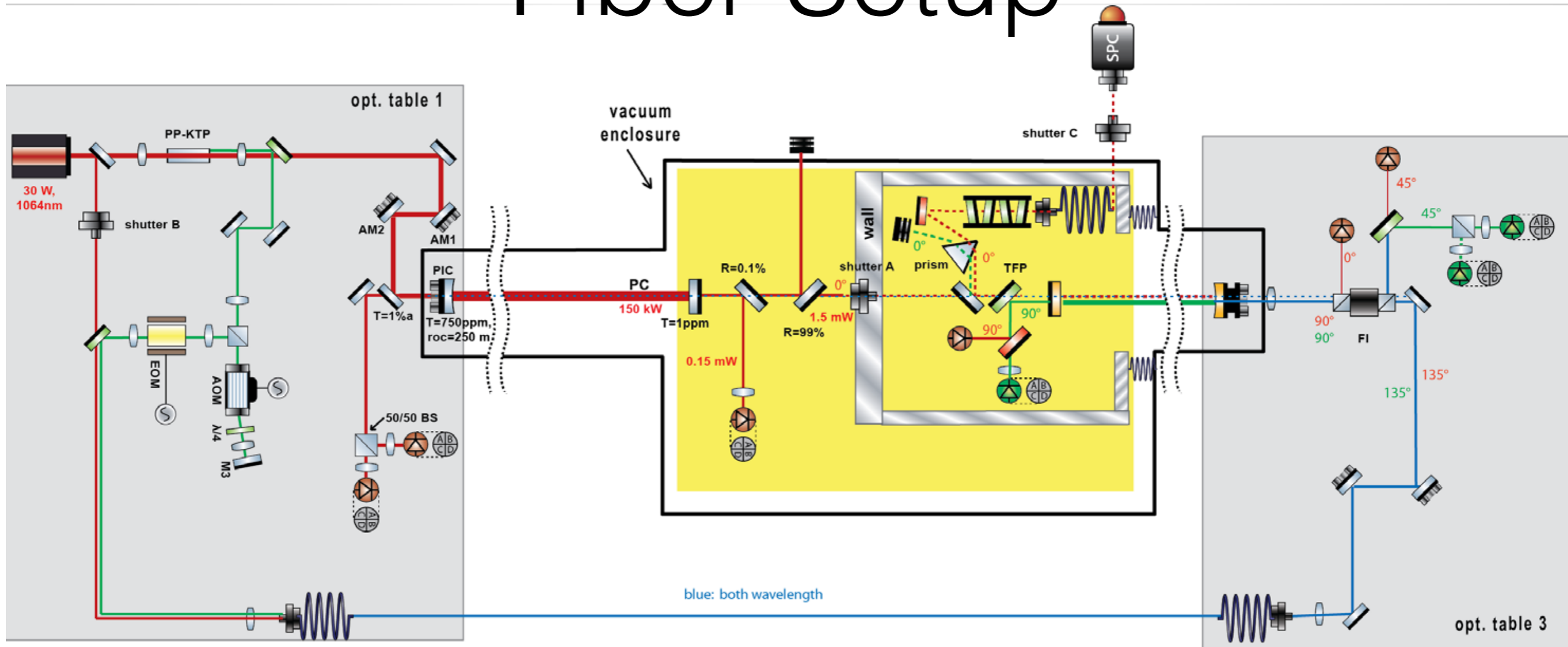
- Pros:
 - No direct path for 1064nm to RC
 - Live monitoring of the spatial overlap
 - Never leave CBB
- Cons:
 - dn/dT in dichroic window

G1 on T2, G2 and L2 on T2



- Pros:
 - Effective point of reflection no problem for heterodyne
- Cons:
 - Table 2 very complicated
 - Direct path of 1064nm to RC
 - dn/dT in dichroic window

Fiber Setup



- Pros:
 - No dichroic window or direct path on CBB
- Cons:
 - Separate paths for green and IR
 - Requires fiber stabilization
 - Fiber light tightness