

List of design elements for engineers

1. Steel box (optical box)

- detachable mirrors
- fixations for bar boxes
- quartz window
- hole in the mirror for the test light source
- test light source

2. Interface with the support structure

3. Support structure holding MCPs in an array on the quartz window

- allows exchanging single (or sets of) MCPs (in case they get broken)
- takes into account optical coupling of MCPs to the quartz window with silicon cookies

4. Support structure for the electronics

- based on CLAS 12 RICH experience, except for the seals

5. Water circulation system

