

DAQ hardware

Near detector

Mechanics:

- **374** Front End Concentrators - VME 6U double width 12 inputs, 1 outputs
- **43** VME crates, 0.5kW → **9-10** racks
- Option with ATCA crates < 20

Cables:

- From detectors to DAQ: **4436** optic links
- From DAQ to control room: **374** optic links (double), max **480** links
- For single fiber cables full diameter about **200**mm
- For a multi-fiber cables (12,24) full diameter about **160**mm

In barrack

3 VME crates (1kW)

20 DAQ computers (1kW) → 3-4 racks

