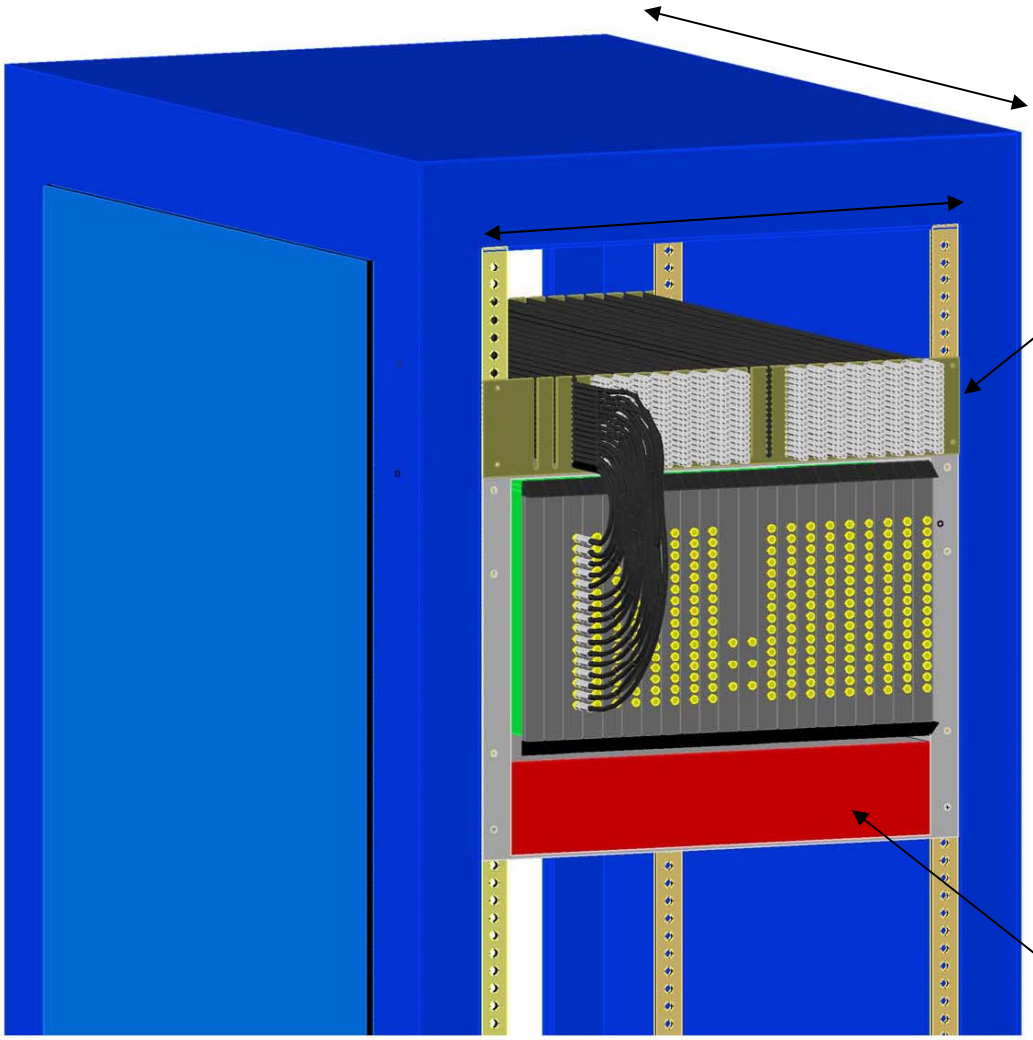
Flash ADC-250
Rack Layout

[CAD details by Mark Taylor]

Discussion Points:

1. Cable routing from detectors
2. Access to crate fan tray (front) and power supply (rear)
3. Cooling flow
4. Crate location within the rack
5. What other equipment will be in these racks?
6. AC Mains distribution?
7. Other?

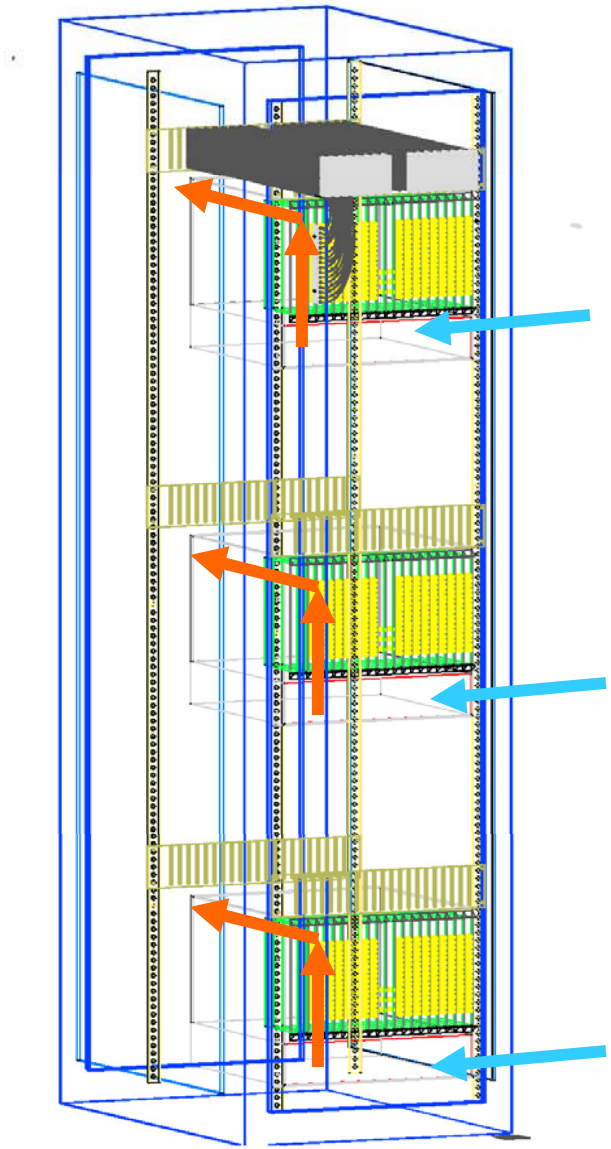


36” Deep
19” Standard JLAB Rack

‘Cable guide’

VXS Crate with:
(16) FADC-250
(1) Sum Board
(1) Clock/Trig/Sync
Cpu not shown

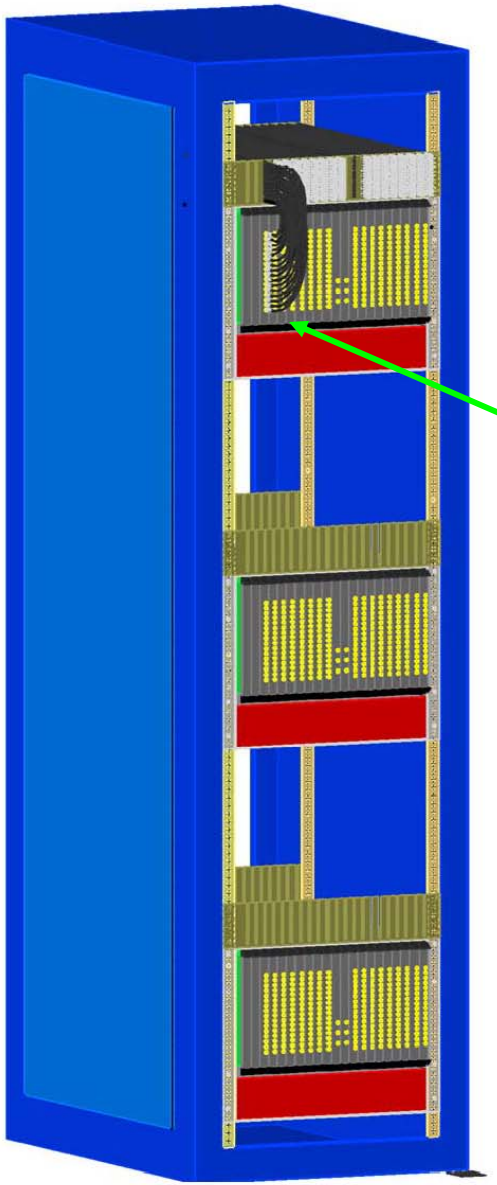
Fan Tray/Crate control



‘Transparent View’
3 crates per rack
256 ‘channels’ per crate
(768 ‘channels’ per rack)

Cable guide facilitates access to fan tray and power supply for service

Points to ponder:
- Crate locations
- Cables enter from top/bottom of rack or both?
- Air flow arrows shown. Should be adequate. Top of crate is covered, so warm air exits at rear. Rack fan needed?



‘Fill’ View
3 crates per rack
256 ‘channels’ per crate
(768 ‘channels’ per rack)

Cable guides at front and rear of rack manage cables (RG58-Lemo) to each FADC board.

16 cables shown to one module only.