

The supply voltage apparatus of the CUORE experiment

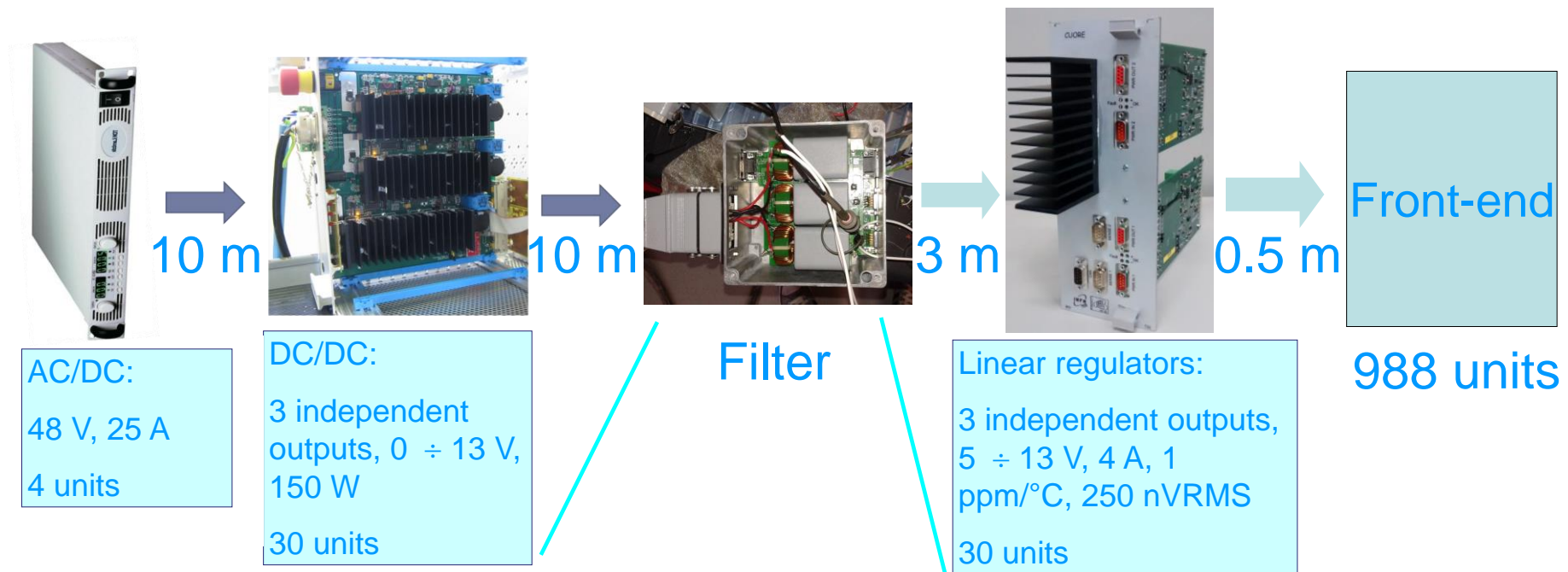
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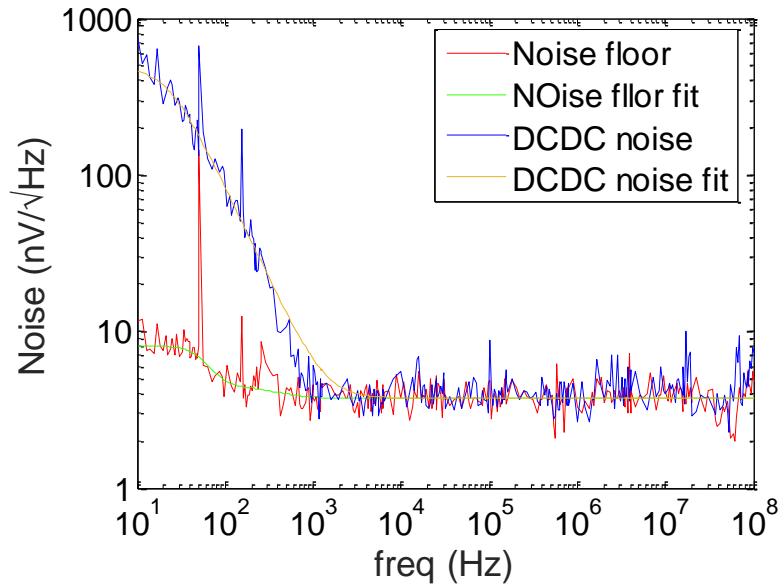
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CUORE is an array composed of 1000 cryogenic detectors for the study of the $0\nu\beta\beta$ of Te. The power dissipation of the whole electronics system is slightly less than 1500 W.

Here is the setup for the power supply system.



The production has been done (30 units) and the system was tested and characterized completely.



Switching noise has been almost completely suppressed by proper filtering

