

Warm Filter Board

CE Signal Flange

SHV x8

$R=10\text{k}\Omega$

$C=0.22\mu\text{F}$

ProtoDUNE APA Bias Schematic Diagram

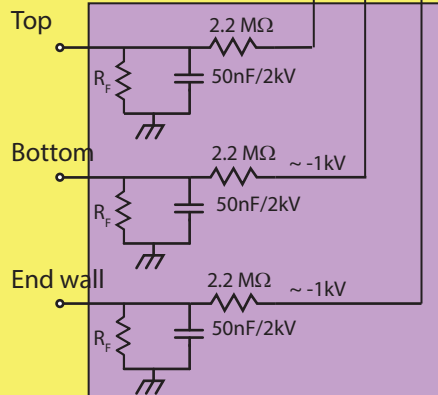
3-6-2017

~6m cable length

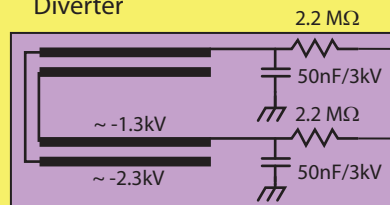
Cryostat

Bulkhead connectors
on APA frame

Field Cage
Terminations



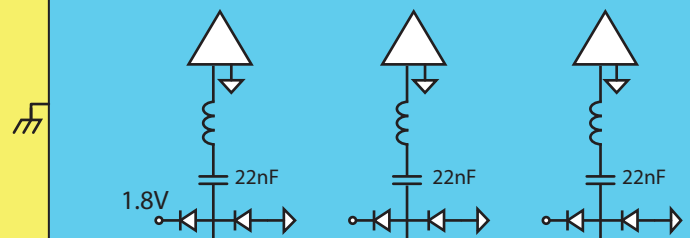
Electron
Diverter



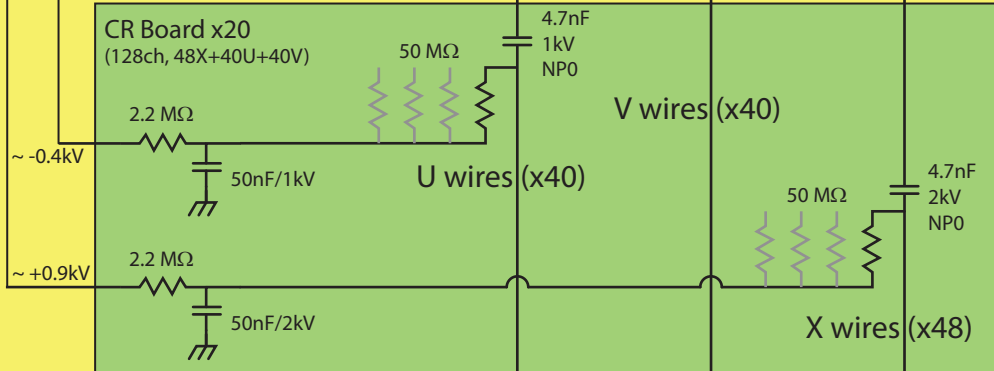
CE Power Return

3kV/22AWG wire

CE Box (128ch) x20



CR Board x20
(128ch, 48X+40U+40V)



Grid CR Board
(48 G wires)

12 groups
of 4 wires