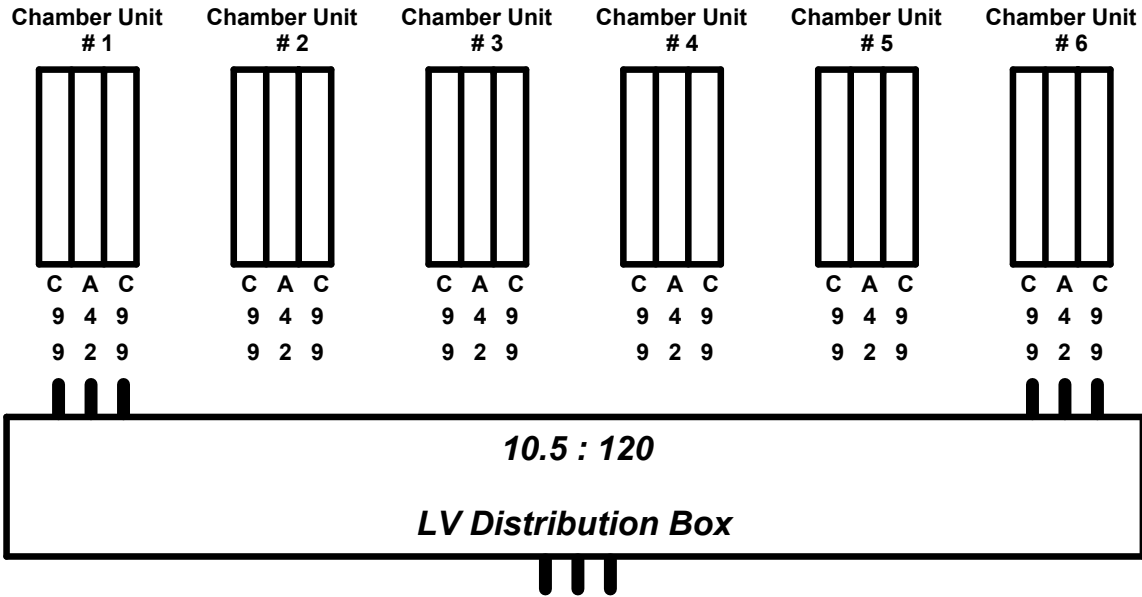


FDC LV Distribution - WIENER Version

One FDC Detector Package (x4)



Planes
Preamp Cards
ERNI Cables

Preamp Cards = 132 (Total = 3V / 82.4A per Package)

ERNI Cables = 120

Current Handling:

Cathodes: 3V / 0.624A per ERNI Cable
Anodes: 3V / 1.25A per ERNI Cable

Note: Current capacity per ERNI conductor (connector and cable) is 4A DC. There are two redundant power connections per each ERNI cable.

10 1/2 LV Channels/Package @ 8A per LV Channel

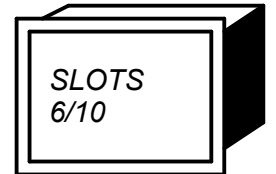
X 4

42 LV Channels for FDC
(Sub-D 8 Male Connector)



MPV 8008 (8V / 10A)
[8 ch/mod]
(42 Chs)
(6 Modules)

Mpod EC LV



TITLE			
FDC LV Distribution - [WIENER]			
F.J. BARBOSA			
JLAB 24 January 2008			
SIZE	CAD I.D. NO.	DRAWING NO.	REV.
B		LV_DISTRIBUTION	
SCALE	SHOWN ON	SHEET	OF
		4	5

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