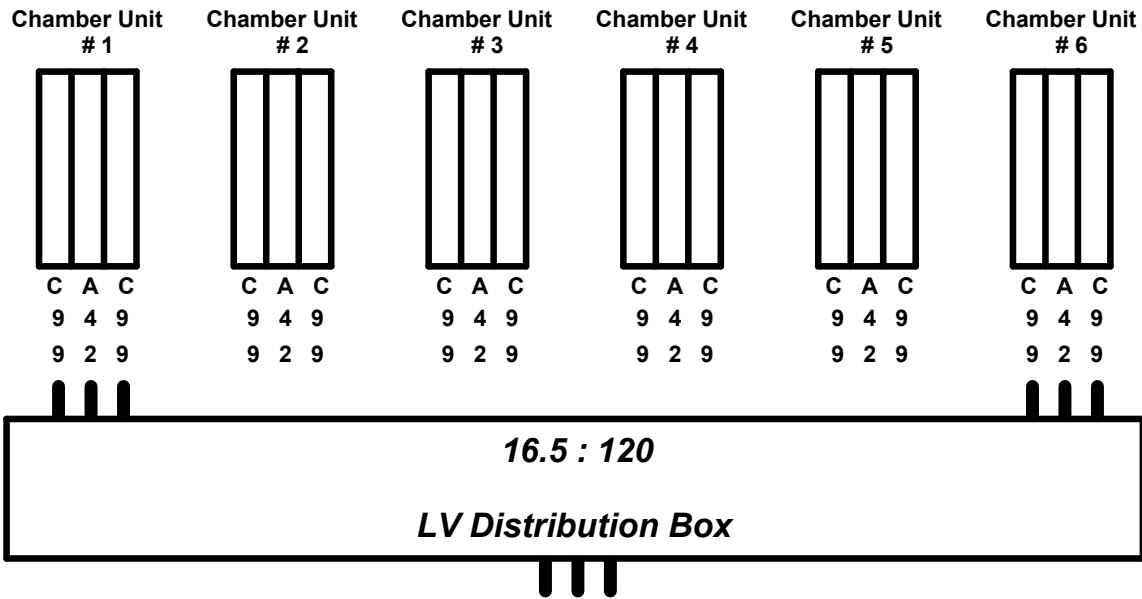


**FDC LV Distribution - CAEN Version**

**One FDC Detector Package (x4)**



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

# ERNI Cables = 120

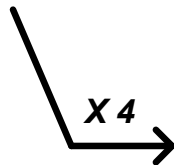
Current Handling:

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.

**16 1/2 LV Channels/Package @ 5A per LV Channel**

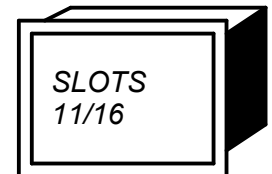


**66 LV Channels for FDC**  
(DB37 Male Connector)



A1518B (4.5V / 6A)  
[6 ch/mod]  
(66 Chs)  
(11 Modules)

SY1527



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TITLE				
<b>FDC LV Distribution - [CAEN]</b>				
F.J. BARBOSA				
JLAB 24 January 2008				
SIZE	CAD I.D. NO.	DRAWING NO.		REV.
B		LV_DISTRIBUTION		
SCALE	SHOWN ON		SHEET 2 OF 5	