

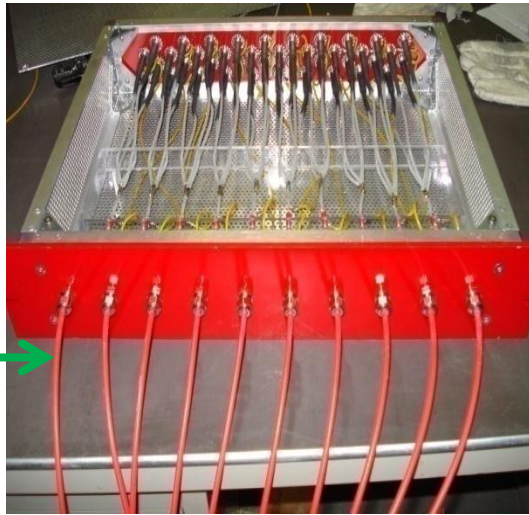
HV DB Preparation and Cost Estimate

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HV DB input and output



HV Module



Distribution Box Input Side

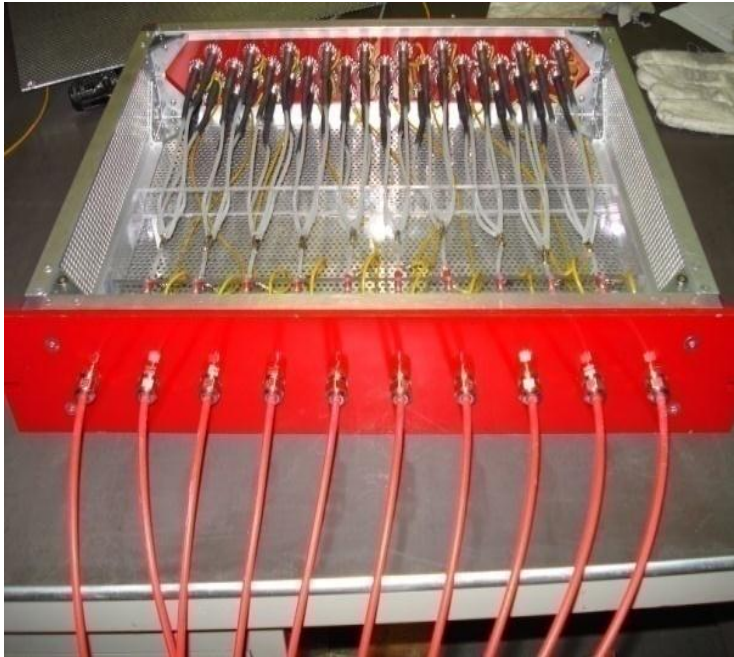


Distribution Box Output Side



Jupiter Connector

Assembling of Distribution Boxes



Input Side of Distribution Box



Output Side of Distribution Box

Steps for Assembling of Distribution Boxes



Step-1



Step-2



Step-3

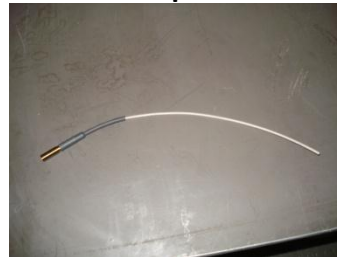


Step-4

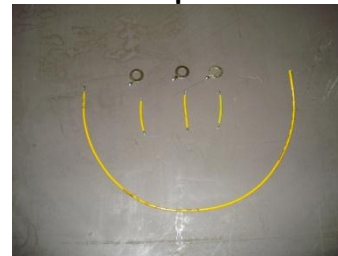
- First 6 steps show the preparation of Shessy connector.
- Step 7 & 8 show preparation of ground cables.
- Step 9 &10 show preparation of box and 1 to 4 connection soldering.
- Step 11 shows the Epoxy filling of the Box.



Step-5



Step-6



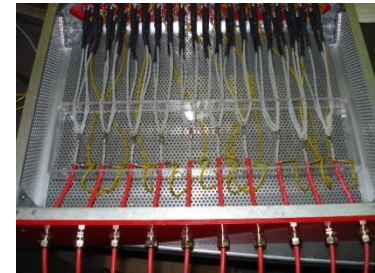
Step-7



Step-8



Step-9



Step-10



Step-11

Estimate of components for HV DB

Components	Quantity	Cost
Jupiter connectors on cable end	10 x 11 = 110.	€ 10.50 per piece 10.5 x 110 = 1155€
Connectors/extensions on board side	10 x 11 = 110.	
Ground cables with 40 round connectors	40x11=440.	
Jupiter connectors on DB side	40x11=440.	€ 11.00 per piece 440x11 = 4840€
Plastic box	1x11=11	
Rectangular spacers for plastic box	9x11=99	
Epoxy bottles for 10 HV DBs.		
Manpower (2-3 man months)		12 KCHF?
Total		>12KCHF + 5595€