

uxcell 30 Pcs 2x3 6Pins 2.54mm Pitch
Straight Pin Connector IDC Box Headers

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★★★★★ 12 ratings

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- Product Name : IDC Pin Header;Model : DC3-2P;Position : 3
- Pins : 6;Row : 2;Mounting Angle : Straight Type
- Pin Pitch : 2.54mm/0.1";Total Size : 15 x 9 x 12mm/ 0.6" x 0.35" x 0.47" (L*W*H)
- Material : Plastic, Metal;Color : Black, Silver Tone
- Net Weight : 30g;Package Content : 30 x IDC Pin Headers

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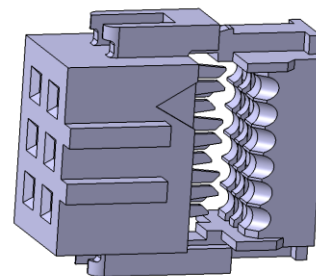
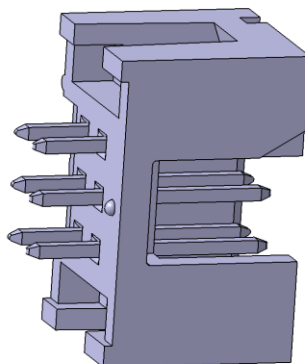


Keadic 49 Pieces FC-10 16 20 26 Pin
Female Header IDC Cable Connector
2.54mm Pitch with IDC Crimp Tool...

★★★★★ 99
\$18.99 ✓prime

Sponsored

75869-131LF or RS 673-7575

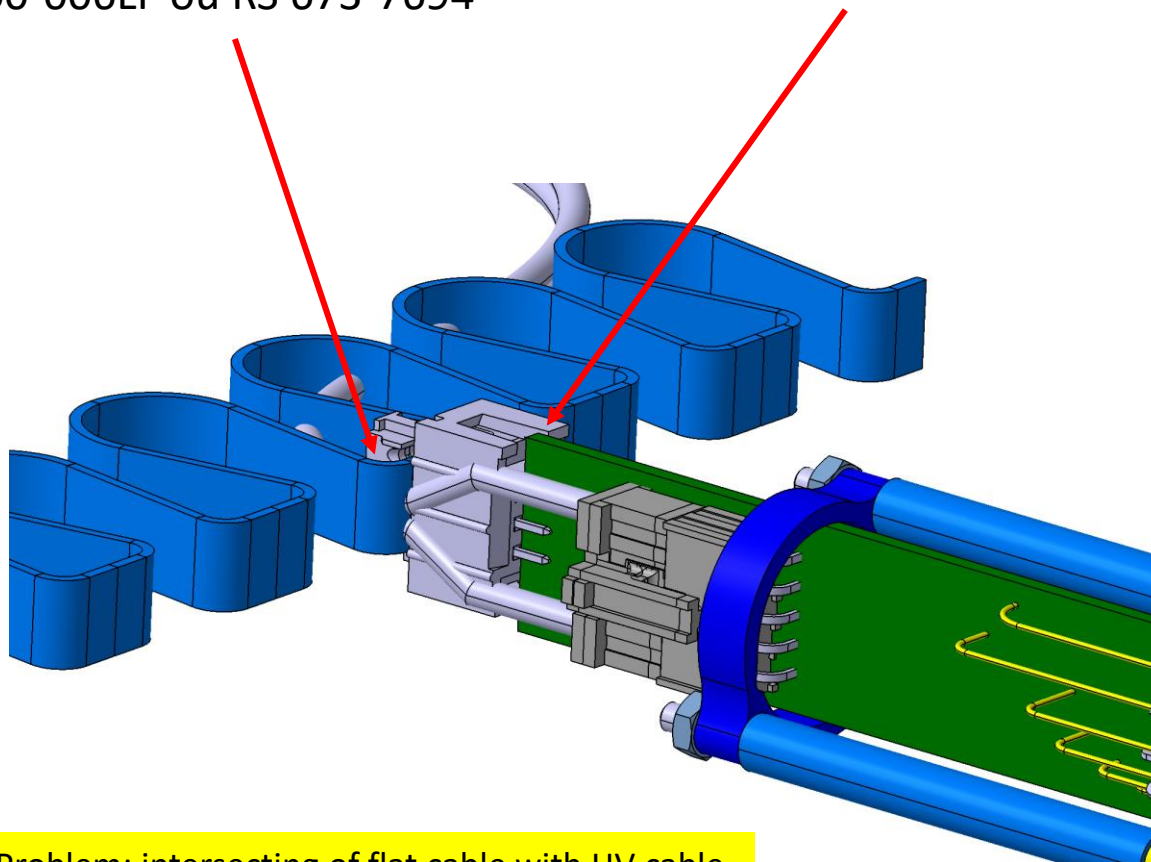


71600-006LF ou RS 673-7694

Connectors found by Thi

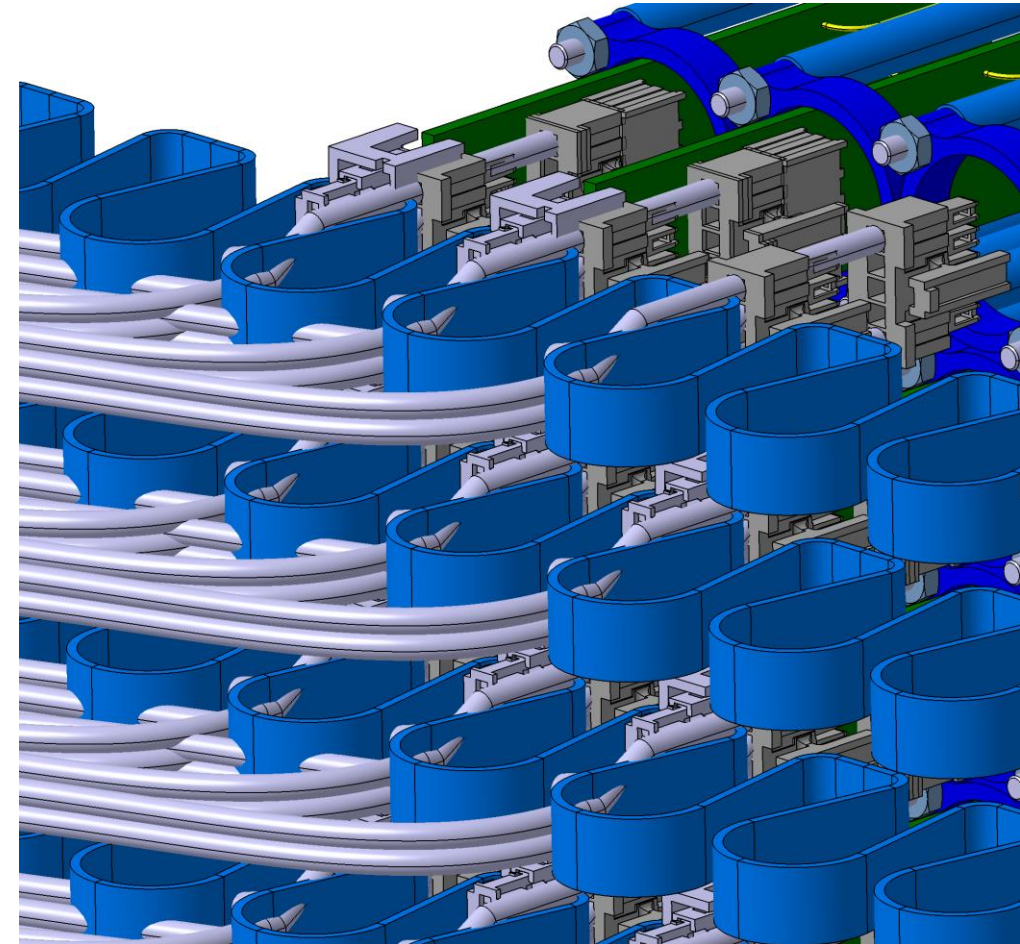
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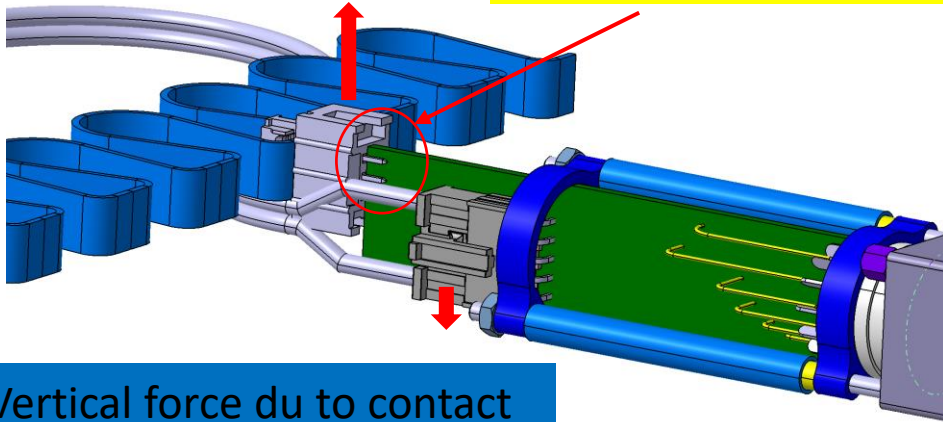


Problem: intersecting of flat cable with HV cable

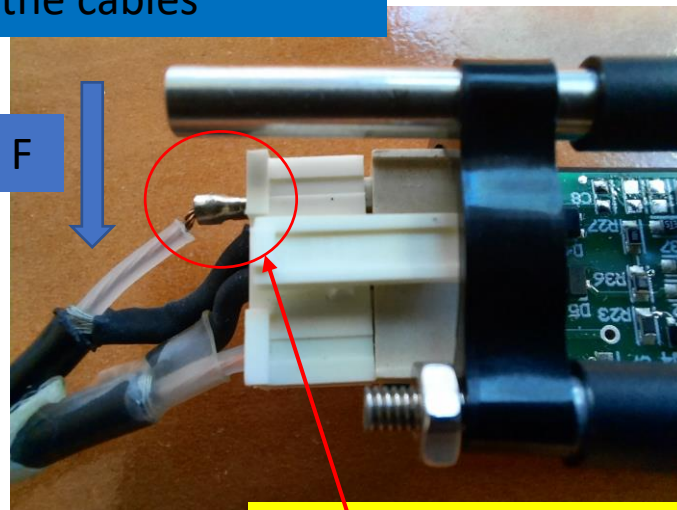
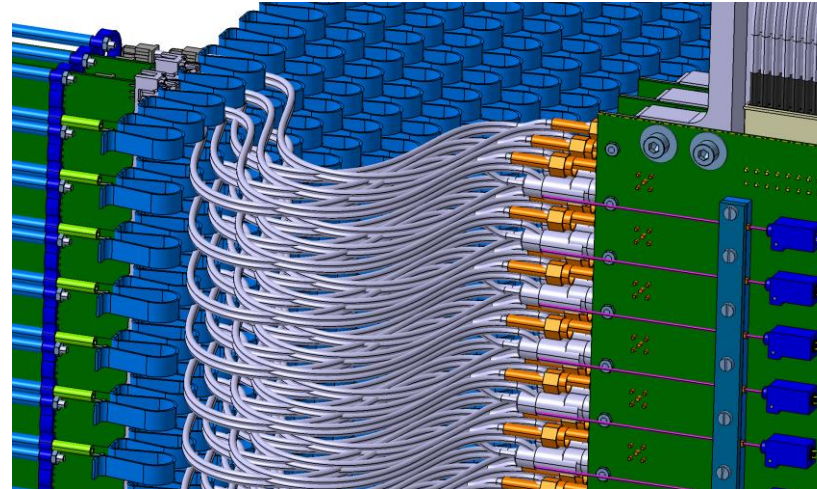
One last solution would be to shift the connectors



Bad solution of an electronic point of view : Pad too close of the edge

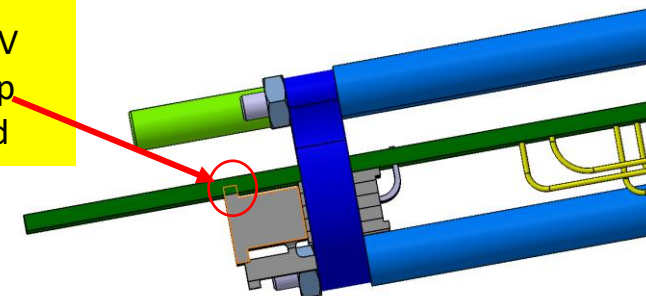


Vertical force du to contact between the cables



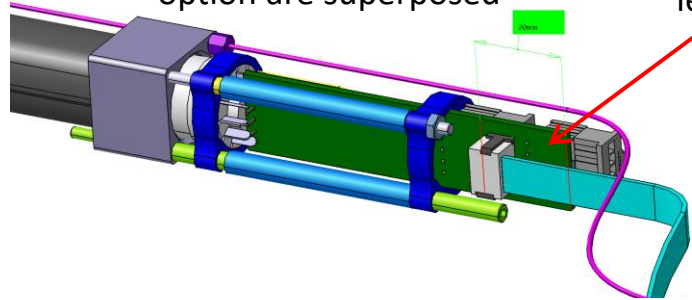
Risk of disconnection for HV cable

In this option each mobile HV connector step must be cutted



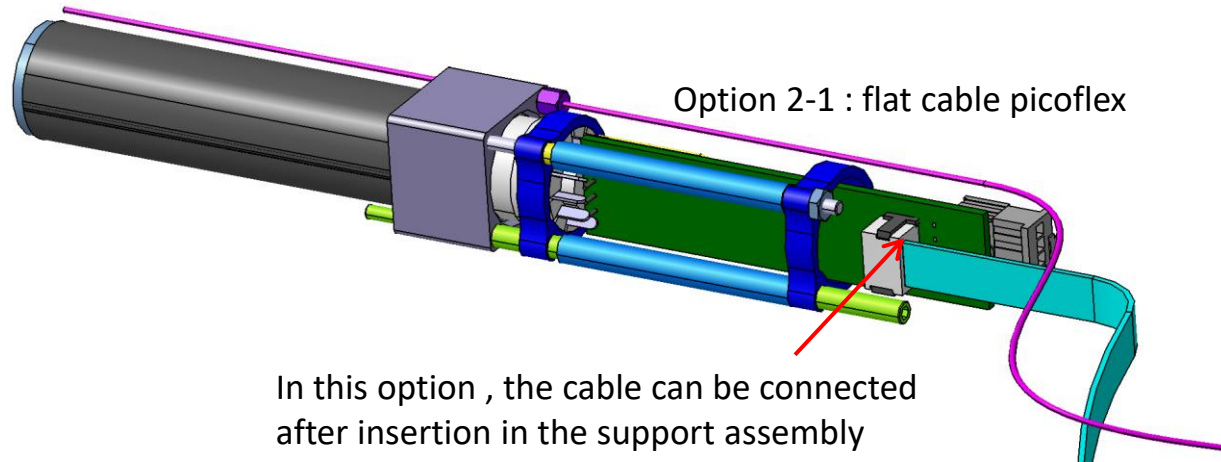
In this picture the 2 pcb option are superposed

New dimension PCB :
length 20 mm more



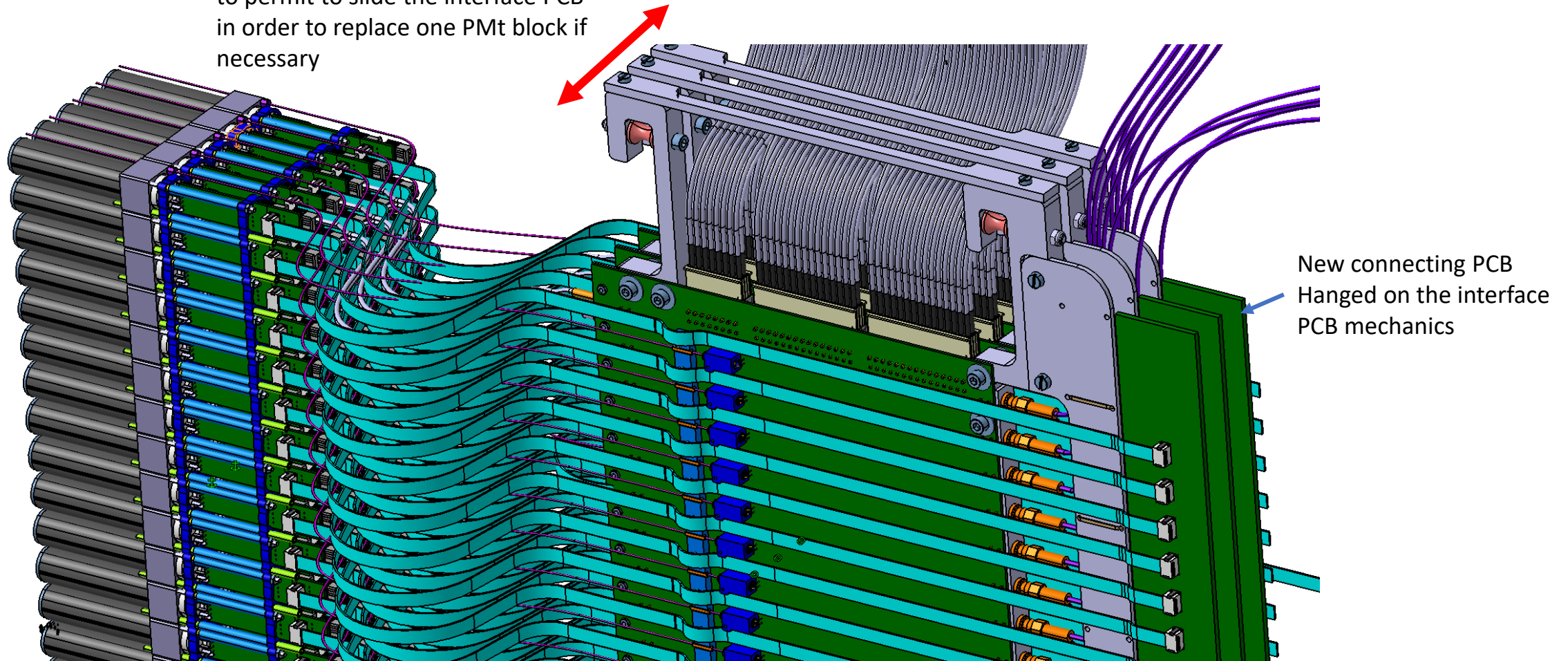
Option 2-1 : flat cable picoflex

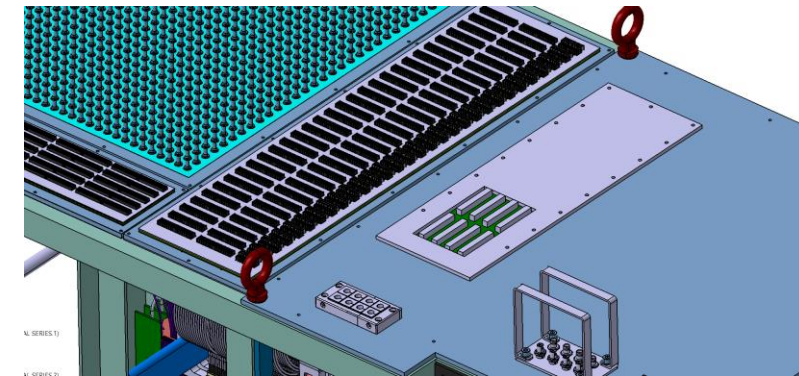
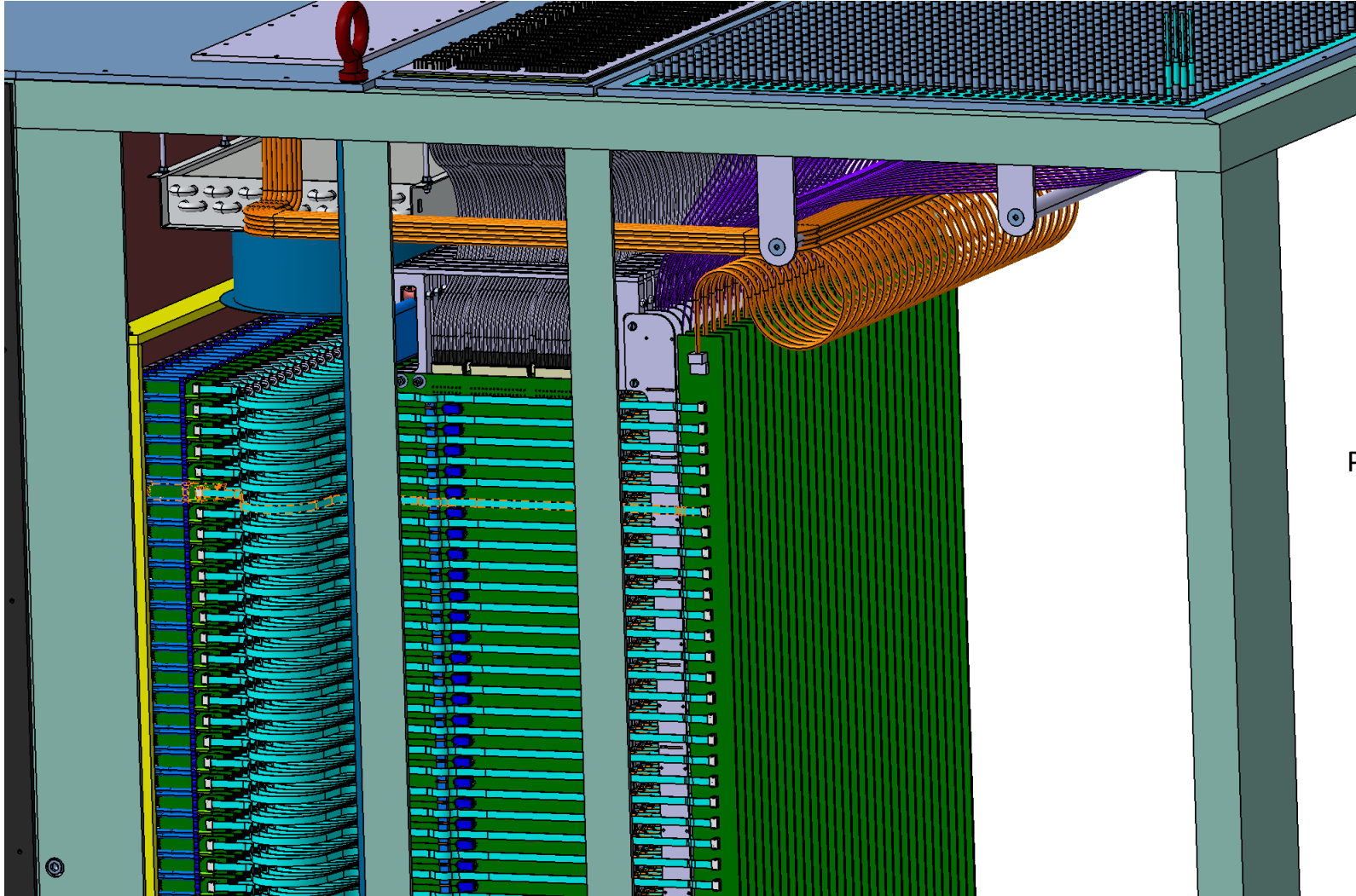
In this option , the cable can be connected
after insertion in the support assembly



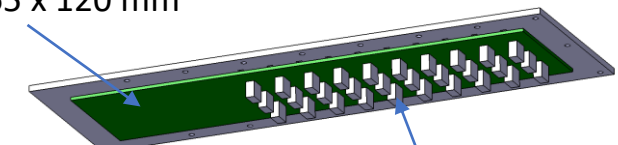
What way for the cables ?

These flat cables are long enough to permit to slide the interface PCB in order to replace one PMt block if necessary

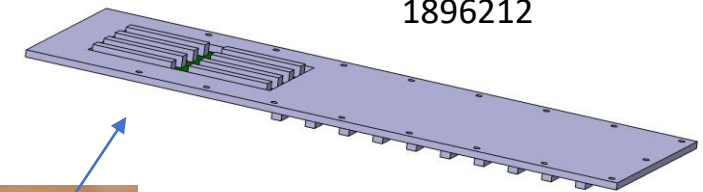




PCB : 465 x 120 mm



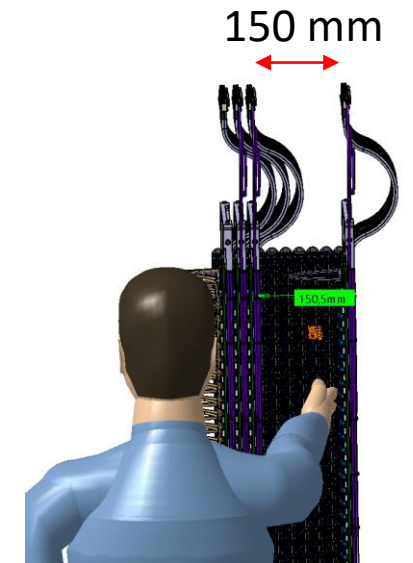
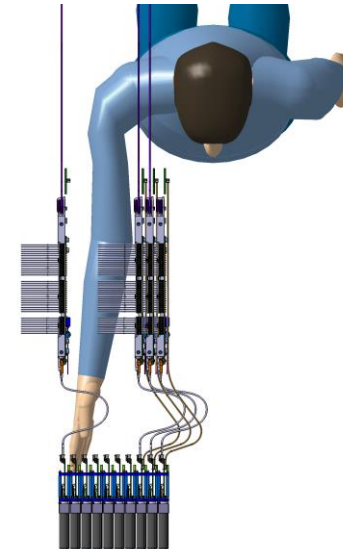
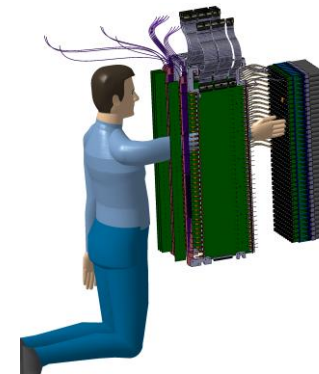
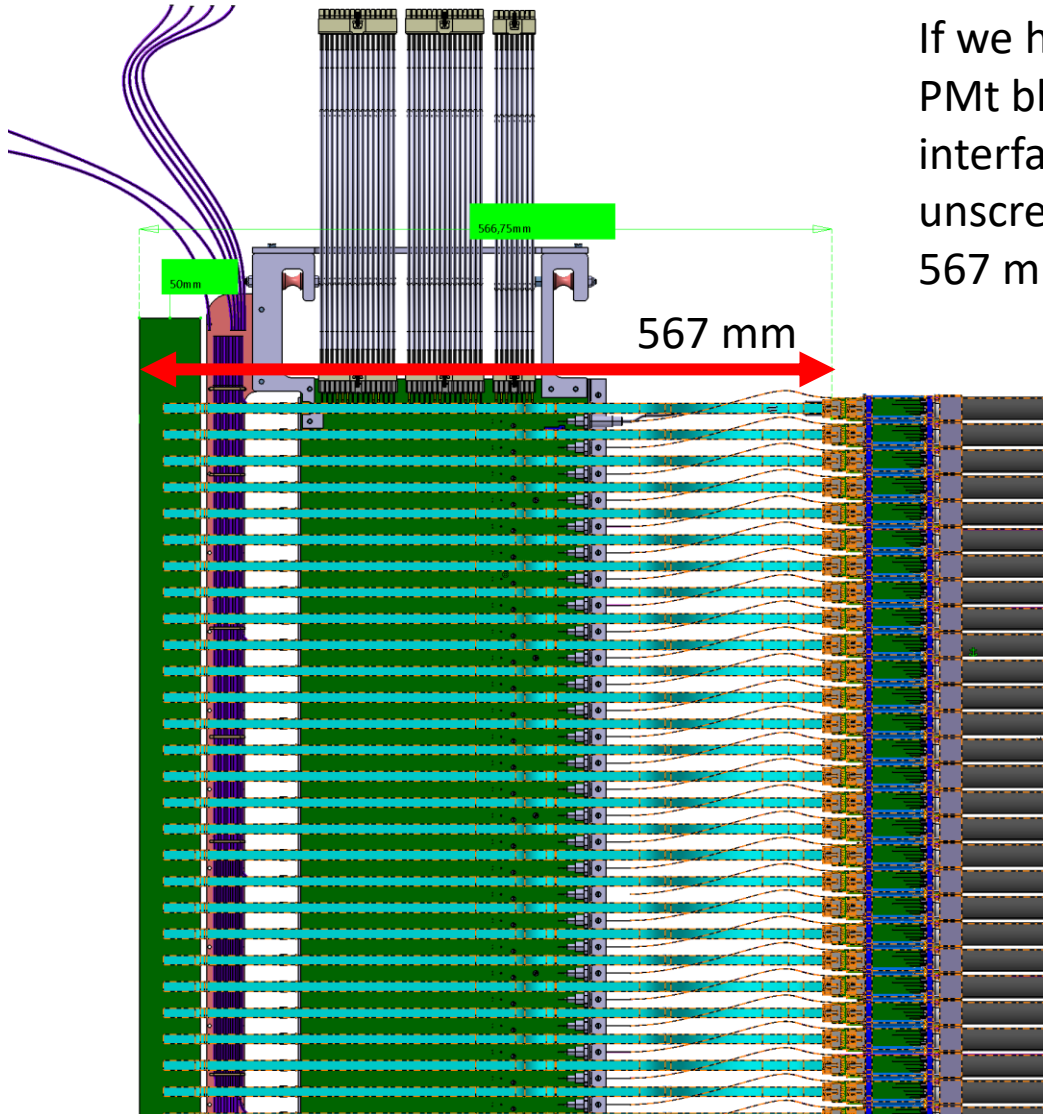
30 connectors Molex
1896212



8 connectors 18 pins

Procedure for PMt block exchange

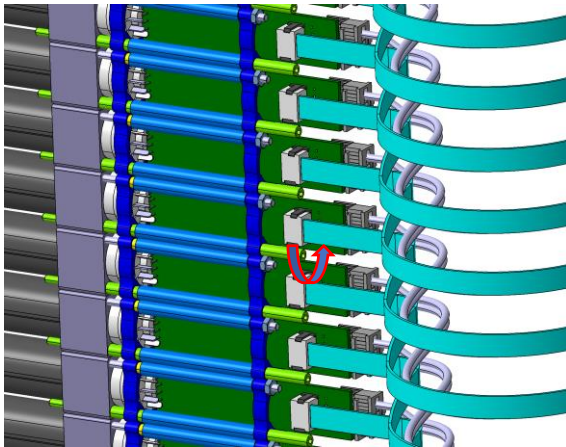
If we have to replace a
 PMt block , we shift the
 interface PCB 15cm and
 unscrew the pmt block :
 567 mm is ok for access



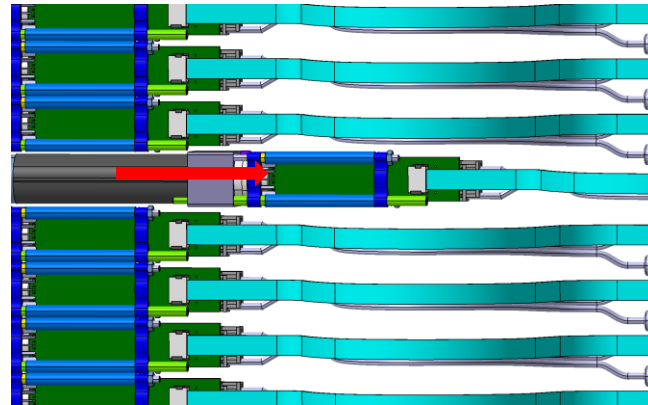
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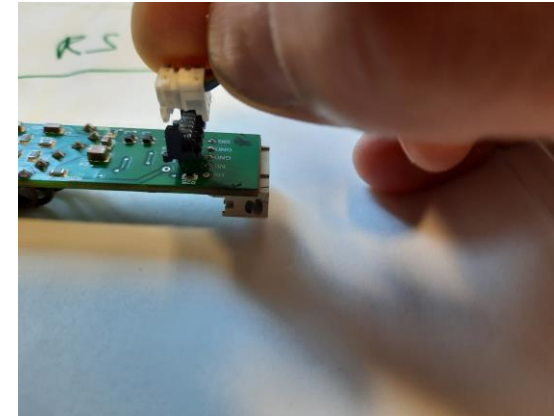
1) Unscrew the green fixing screw with a nut driver



2) Pull the PMt block with its cables (HV + Flat) for flat cable connector access



3) Disconnect the flat + HV connectors by hand (or with a tool)



4) Disconnect the fiber side interface PCB (easier than side Pmt block)



5) Exchange the PMt block and its fiber and inverse this procedure for mounting