

Packages: **FDC1** upstream,..., **FDC4** downstream

sensitive volumes (cells, chambers) **C1** upstream, ..., **C6** downstream

layers within volumes: U (strips upstream), S (sense wires), F (field wires), D (strips downstream)

sense wire channels: **S1**,...**S96** starting from 9 o'clock, where 12 o'clock corresponds to the longest wire from the side of the signal cards and looking from the PCB side of the wire frame

U strip channels: **U1**,...**U84**, (starting again from 9 o'clock looking from the copper side of the cathode foils) **U85A**, ... **U108A** (top or 12 o'clock central strip channels), **U109**, ..., **U192**, **U85B**, ..., **U108B** (bottom or 6 o'clock central strip channels)

same for D-strips

Note#1 The above numbering corresponds to the numbers written on the PCBs/foils with the exception of the strips that are split in two, in which case we add A or B to the corresponding number if the strip is at the side where most of the connector are or at the opposite side.

Note#2 Each layer has its own coordinate system so that channel #1 is the shortest wire/strip at 9 o'clock, where 12 o'clock is defined by the side of the cards when looking from the PCB side in case of the wire frames or copper side in case of the cathodes. Note also that when installed in the package and looking from the upstream, the numbers increase clockwise for all the wire frames and D-cathodes, and counter-clockwise for the U-cathodes.

Examples of naming convention for the cables:

FDC1, C1, S1-S24

FDC1, C1, U1-U24

FDC1, C1, U73-U96A

FDC1, C1, U85B-U108B