Stack Assembly Cross Section

FET board

FET gusset

flyover cable

SQUET

SQUID gusset

600mK SQUID board

600mK spool

TOWER

4K floor

600mK floor

50mK floor

10mK floor

4K heatsink

tower coax

600mK heatsink

10mK heatsink

carbon tubes

10mK

connector tube

side coax assembly

connector lid

detector housing

Side Coax Assembly Board
(charge channel bias and
feedback components)

LEDs

ZIP detector

Detector Interface Board

phonon side

charge side

DETECTOR
STACK

detector housing bottom lid

SUF Icebox shown;
3 tower capacity

lead shield (SUF only)