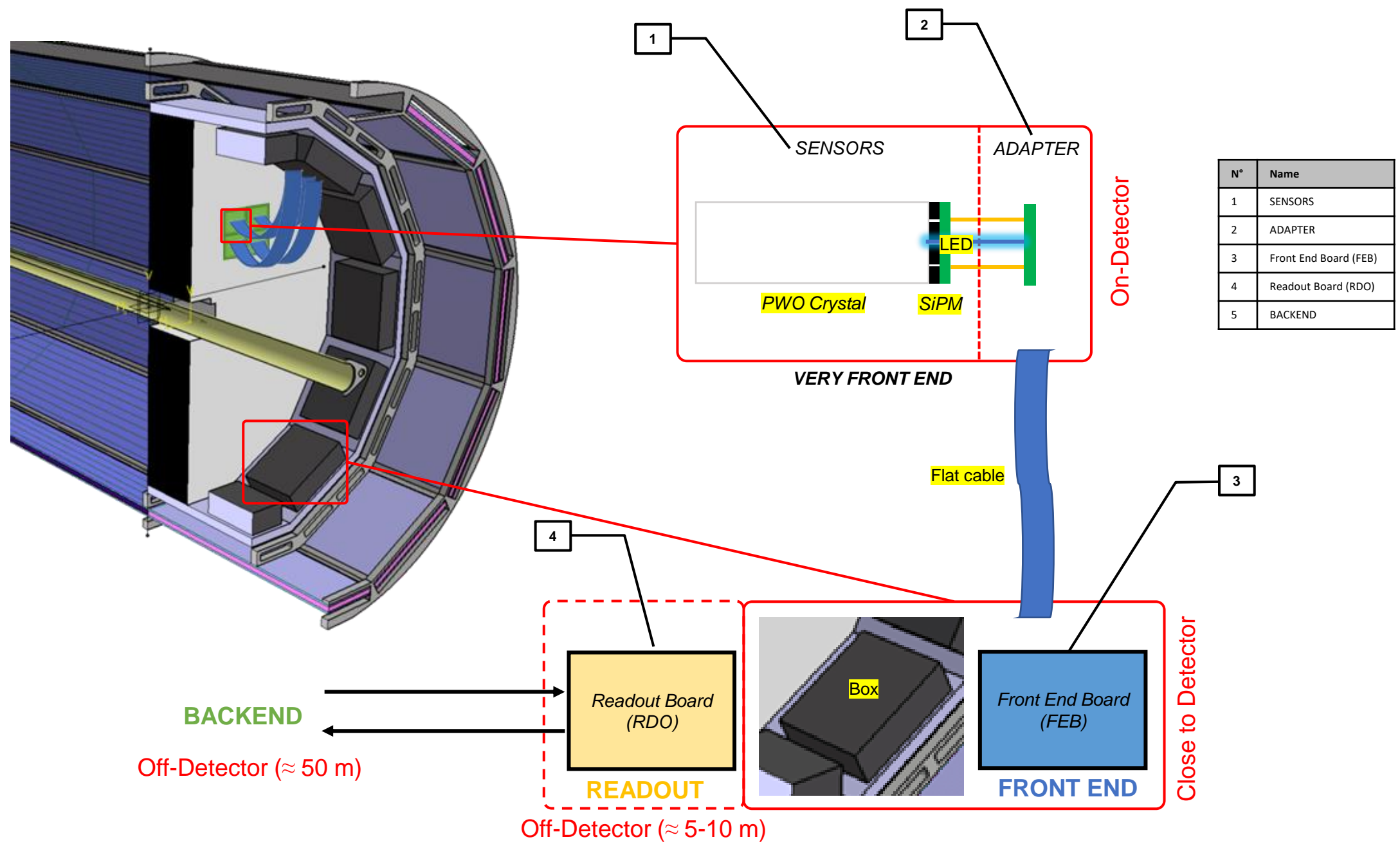
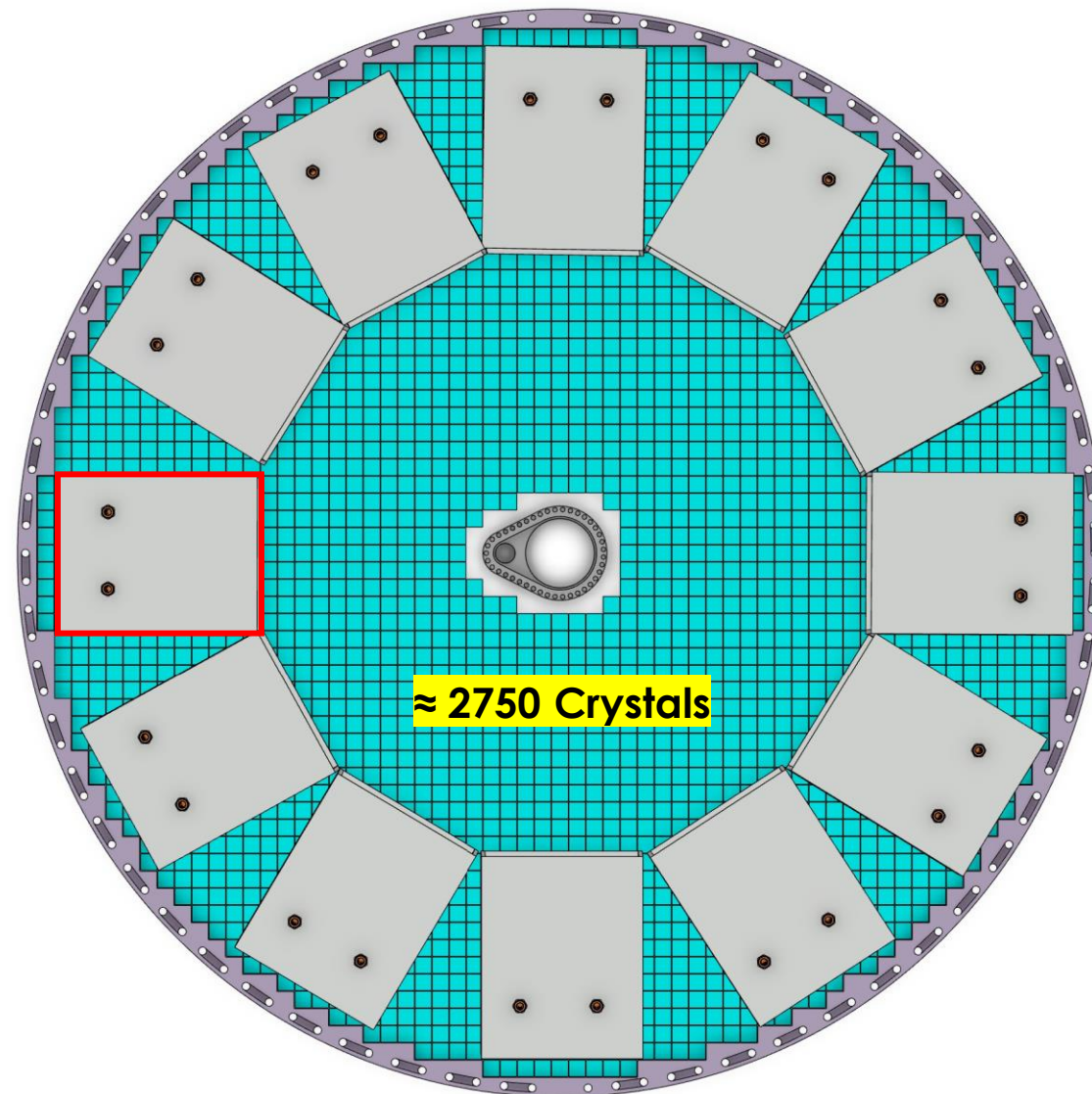
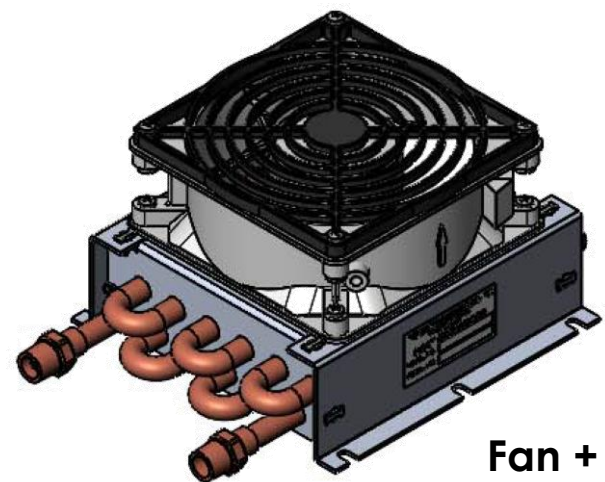
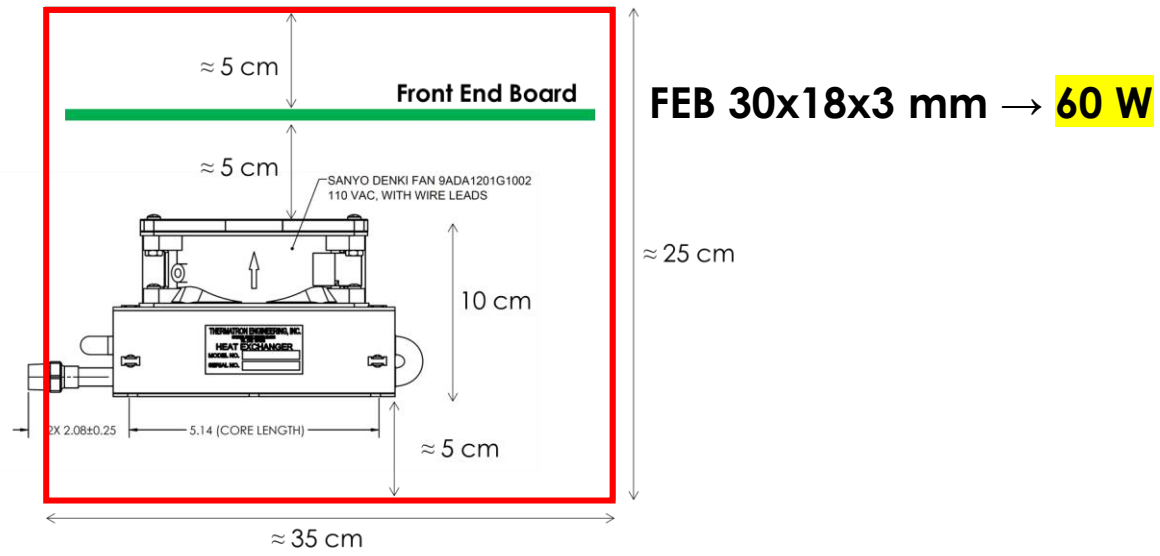
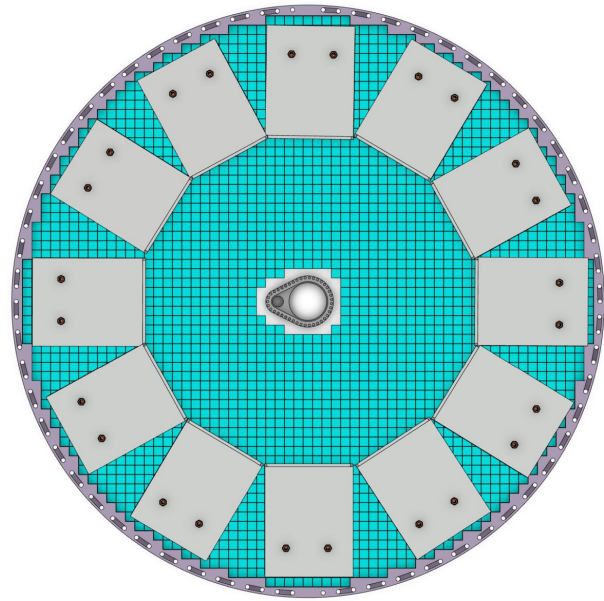


EEEMCaI | Front End Board (FEB) packaging



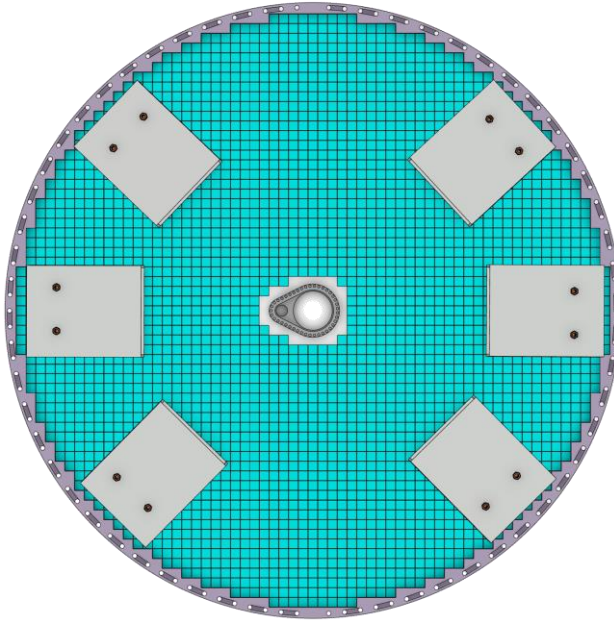
N°	Name
1	SENSORS
2	ADAPTER
3	Front End Board (FEB)
4	Readout Board (RDO)
5	BACKEND





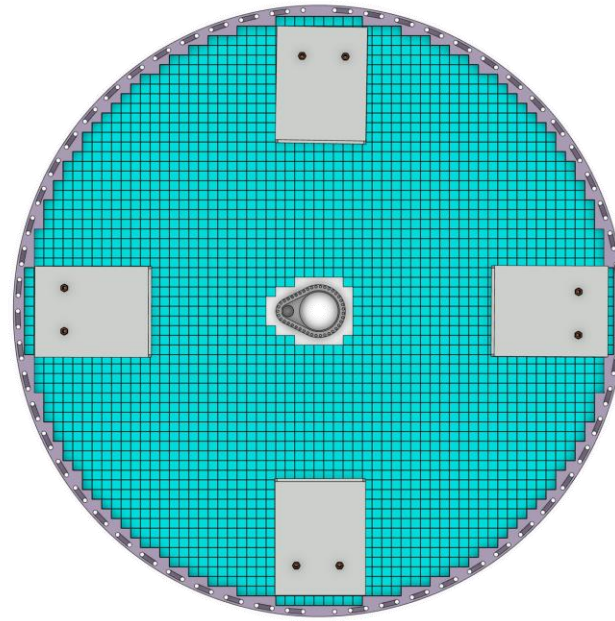
12 boxes :

- 1 FEB / box
- 230 connectors / box
- 60 W / box



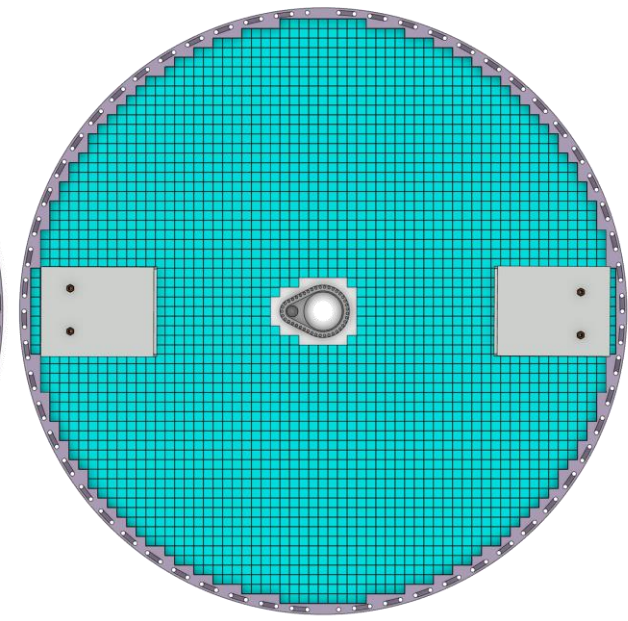
6 boxes :

- 2 FEB / box
- 115 connectors / box
- 120 W / box



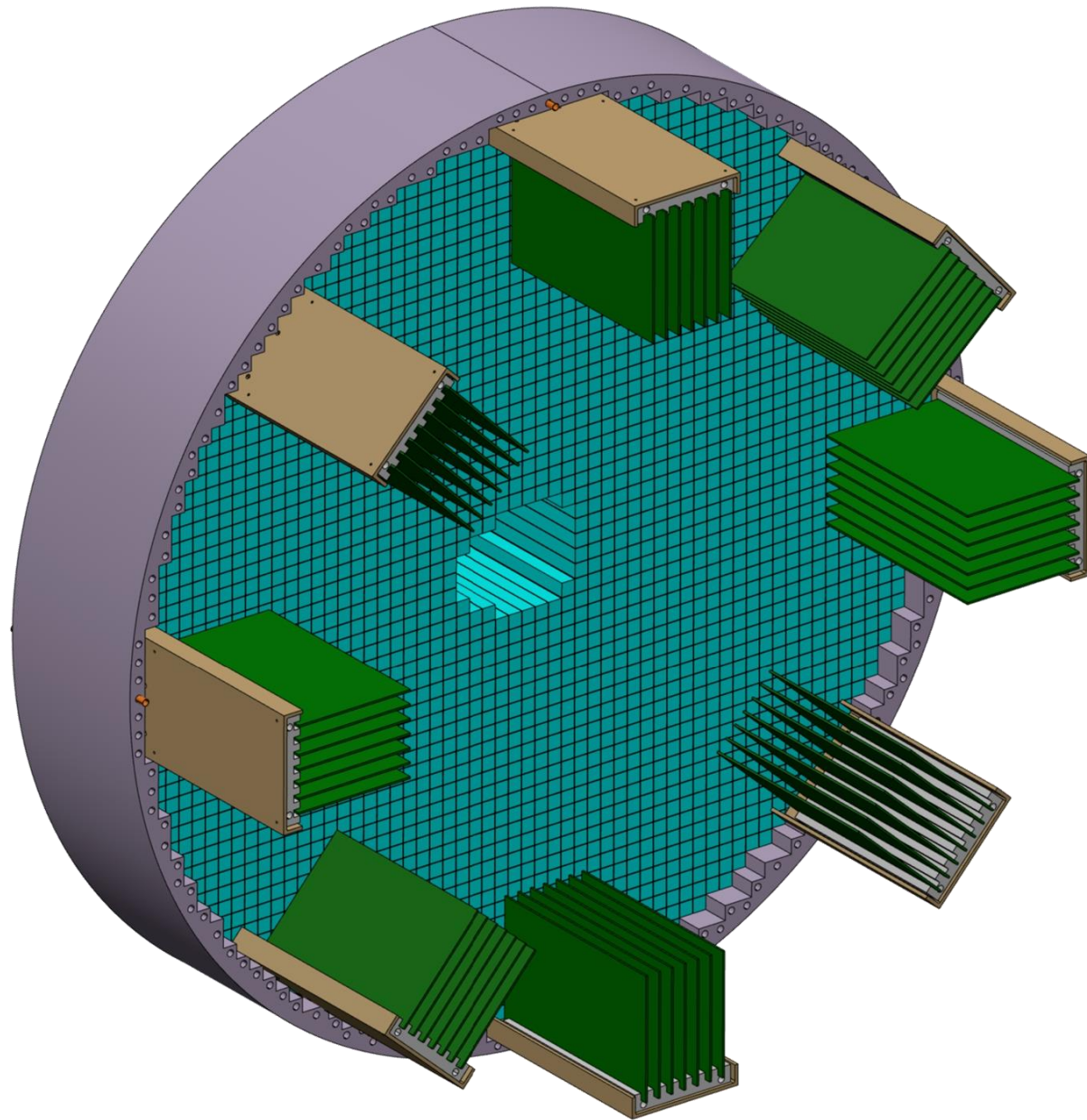
4 boxes :

- 3 FEB / box
- 77 connectors / box
- 180 W / box



2 boxes :

- 6 FEB / box
- 40 connectors / box
- 360 W / box



WedgeLocks for Embedded Cooling
Locking power you can trust for cold-wall applications.

modular, reliable cooling and mounting connection

The diagram shows a cross-section of a wedge lock assembly. A blue brazed copper heatsink is bolted to a red aluminum plate, which is in turn bolted to a green FEB. The assembly is shown in a disassembled state to illustrate its modular nature.

426C7 GENERAL DIMENSIONS

'C' STYLE WEDGELOCKS

FEATURES

- DESIGNED FOR HEAVY SHOCK AND VIBRATION.
- UNIFORM CLAMPING FORCE AND HIGH THERMAL TRANSFER.
- NARROW WIDTH FOR MAXIMUM PCB COMPACTNESS AREA.
- LOW PROFILE DESIGN ALLOWS FOR DECREASED SLOT HEIGHT.
- CAPTIVATED REAR WEDGES.
- LIGHT WEIGHT - ASSEMBLY LENGTHS: 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50.
- SPECIAL LENGTHS, FINISH, AND OTHER DESIGN OPTIONS AVAILABLE UPON REQUEST.

MATERIALS
MOUNTING BAR AND WEDGES: ALUMINUM 6061-T6
ALL OTHER HARDWARE: STAINLESS STEEL, PASSIVATED.

PARTS ARE SHIPPED AS COMPLETE ASSEMBLY EXCEPT FOR RIVET MOUNT OPTION
RECOMMENDED DRIVE SCREW TORQUE: 6 & 8 IN. LB (68 N·CM)
RIVETS: 50% IN. ALLOWABLE RAKE WITH LOCK PATCH

SERIES	'C' STYLE		ASSEMBLY WITH MOUNTING BAR		DSCC CID
	WEDGES	HEIGHT	WIDTH	LENGTH (MIN)	
422C	5	0.225	0.225	2.80+	59789/9/10
422C7	7	0.225	0.225	4.80+	59950/1/2
426C	5	0.260	0.250	2.80+	59789/19/20
426C7	7	0.260	0.250	4.80+	59950/3/4
438C	5	0.375	0.365	3.80+	59789/15

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wakefieldthermal.com

8 racks → 7 FEB/rack & 50 connectors/FEB

4 racks → 7 FEB/rack & 100 connectors/FEB