

Table 1: Parameters of the cooling-demonstration lattice.  $L_{SS \rightarrow FC}$  is the distance between the centre of the spectrometer solenoid and the centre of the neighbouring FC,  $L_{FC \rightarrow FC}$  the distance between the centres of the FCs, and  $L_{RF \text{ module} \rightarrow FC}$  the distance between the RF module and the neighbouring FC.

Parameter	Value
Length $L_{SS \rightarrow FC}$ [mm]	2607.5
Length $L_{FC \rightarrow FC}$ [mm]	1678.8
Length $L_{RF \text{ module} \rightarrow FC}$ [mm]	784.0
RF Gradient [MV/m]	10.3
Number of RF cavities	2
Number of primary absorbers	1
Number of secondary absorbers	2