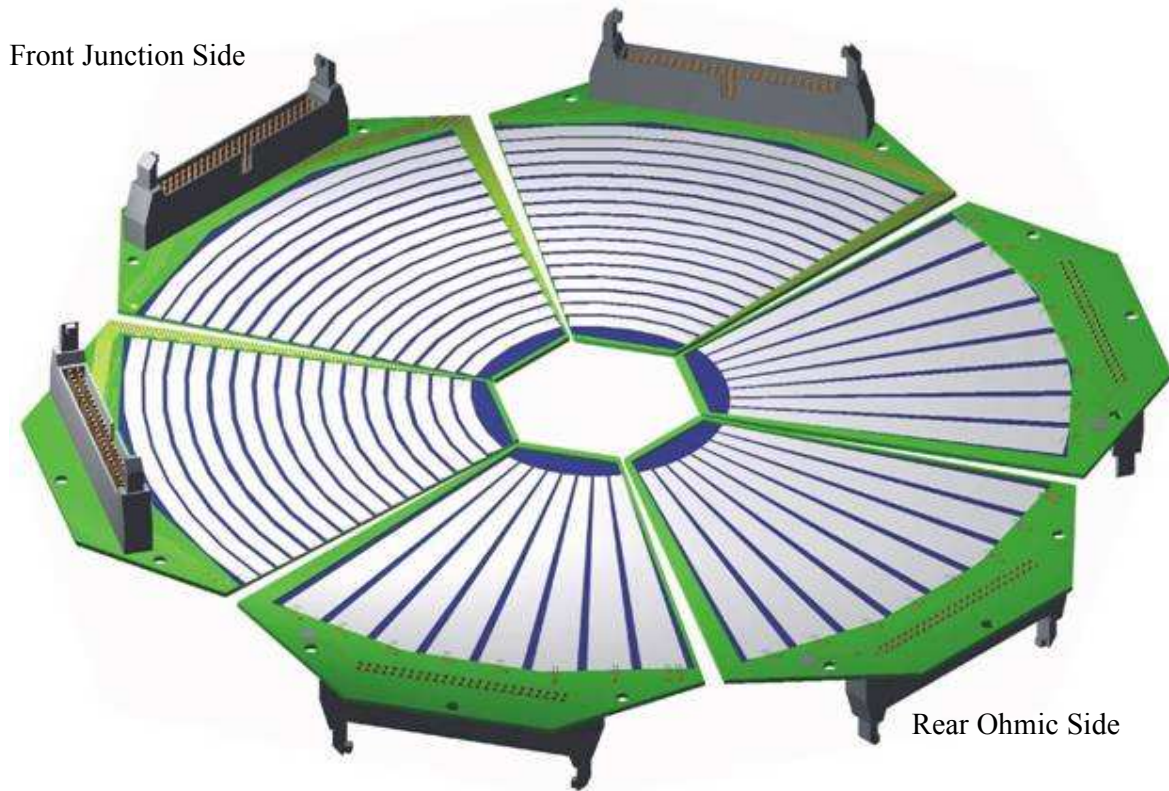


DOUBLE SIDED 60° WEDGE DETECTOR FOR RADIOACTIVE BEAM PHYSICS



SILICON DETECTOR TYPE:	DOUBLE SIDED DC STRIP DETECTOR
TECNOLOGY:	6 INCH SILICON
EXPERIMENTS:	HYBALL and TIARA
ACTIVE AREA:	54000 mm ²
INNER RADIUS:	32.6 mm
OUTER RADIUS:	135.1 mm
N° ANNULAR JUNCTION STRIPS:	16
STRIP PITCH:	6.4 mm
N° RADIAL OHMIC STRIPS:	8
SECTOR ANGLE:	6.8°
DETECTOR THICKNESS [ΔE]:	150 μm
DETECTOR THICKNESS [E]:	400 μm
DEPLETION VOLTAGE [E]:	100 V max
PACKAGE:	PCB Transmission with tracking. Readout from one end of strips via 3M, 50 way connector with side latches, part N° 3433-6602.
EXPERIMENTS:	HYBALL, ORNL USA TIARA, UNIVERSITY OF SURREY UK

QUALITY ASSURANCE:ISO9001

