

Science Fiber anchor point of outermost fiber of 20 fiber harness. (modified. to apply to std. "reach" data)
(innermost fiber of each 20 fiber harness is 81.41mm inboard of this location.)

Orientation: looking down into the cartridge with the plugplate ID tab pointing in the -Y direction
(towards the observer) The Center pin location is 0,0. Positive X is to the right.

Ref. Anchor block drawing for relationship of individual fiber locations on the anchor block.
(it's a reasonable approximation to assume equal distribution across the 81.41mm)

Total of 25 harnesses mounted to the near side of cartridge centerline, (Negative Y values)

Note: These fibers angle to the left exiting the anchor block as they approach the plate.

14 harnesses mounted on the inner row; outer fiber anchor reference location (20 fibers/harness).
(locations to be used with fiber reach data)

Inner Row units are mm

X value	Y value	Radial Dist from center
-284.9	-114.6	307.0
-239.1	-114.6	265.2
-193.4	-114.6	224.8
-147.7	-114.6	186.9
-102.0	-114.6	153.4
-56.3	-114.6	127.6
-10.5	-114.6	115.0
35.2	-114.6	119.8
80.9	-114.6	140.2
126.6	-114.6	170.8
172.3	-114.6	206.9
218.1	-114.6	246.3
263.8	-114.6	287.6
309.5	-114.6	330.0

11 harnesses mounted on the outer row; outer fiber reference location (20 fibers/harness).

Outer Row units are mm

-216.3	-277.5	351.8
-170.6	-277.5	325.7
-124.8	-277.5	304.3
-79.1	-277.5	288.6
-33.4	-277.5	279.5
12.3	-277.5	277.8
58.0	-277.5	283.5
103.8	-277.5	296.3
149.5	-277.5	315.2
195.2	-277.5	339.3
240.9	-277.5	367.5

Note: The harnesses mounted on the opposite side of the cartridge are rotationally symetric.
(180 degree rotation about the center pin, 0,0.)