

Figure 1 shows a schematic representation of the nanowires. The nanowire has a central core of 50 nm width and a surrounding shell of 10 nm thickness. The total width is 70 nm. The length is 100 nm. The height is 10 nm. The nanowire is labeled with '50nm' and '100nm' dimensions. The core is labeled '50nm' and the shell is labeled '10nm'.