For replacement of the IMUs connector, you will need to follow these steps.

**NOTE: Each cable has its polarity before welding wires is necessary to check the correct positioning of each.**

1.First off all turn off the cabinet. It’s necessary to cut the cable where shown in Figure 1.

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| IMG_0804.JPG |
| Figure 1: Performing cutting wire cable between green and black heatshrink. |

2. Will cut the length of cable gray and will separate all wires except the green as shown in Figure 2.

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| IMG_0807.JPG |
| Figure 2: Peel the cables and length of cable gray. The only unused cable be green. |

3. Will join the connector supplied from the IMU with the length of cable gray in the position shown in Figure 3. Figure 4 shows in detail the position of the connector colors

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| IMG_0805.JPG |
| Figure 3: Each color five-wire length of cable gray must be connected to its corresponding connector cable(flap of the female connector upwards) |

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| IMG_0802.JPG |
| Figure 4: Detail of female connector(present in gray wire) plugged in the male connector (Present in the IMU sensor board) |