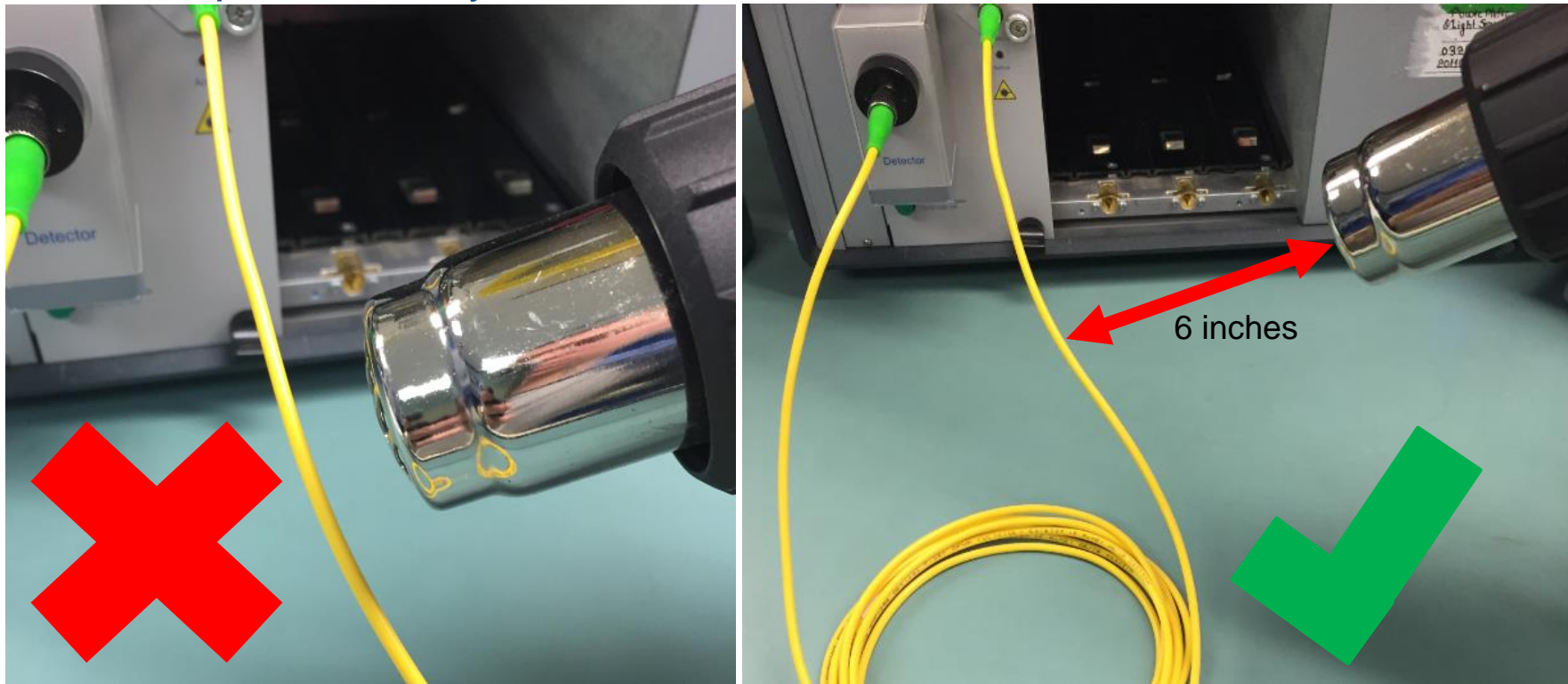


Fiber Management

Fiber Management

Fiber management will have an affect on the stability of the unit. If the fiber is not managed well then the unit will appear to be drifting as the fiber relaxes itself. Using a heat gun to help relax the fiber as much as possible may be needed.

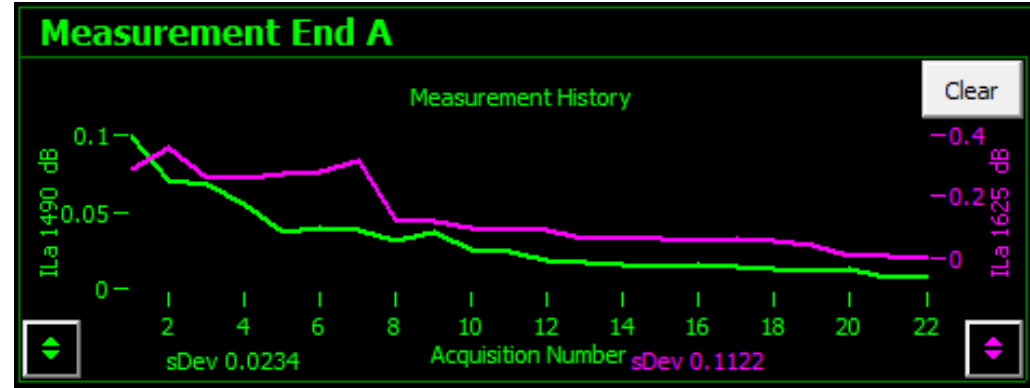
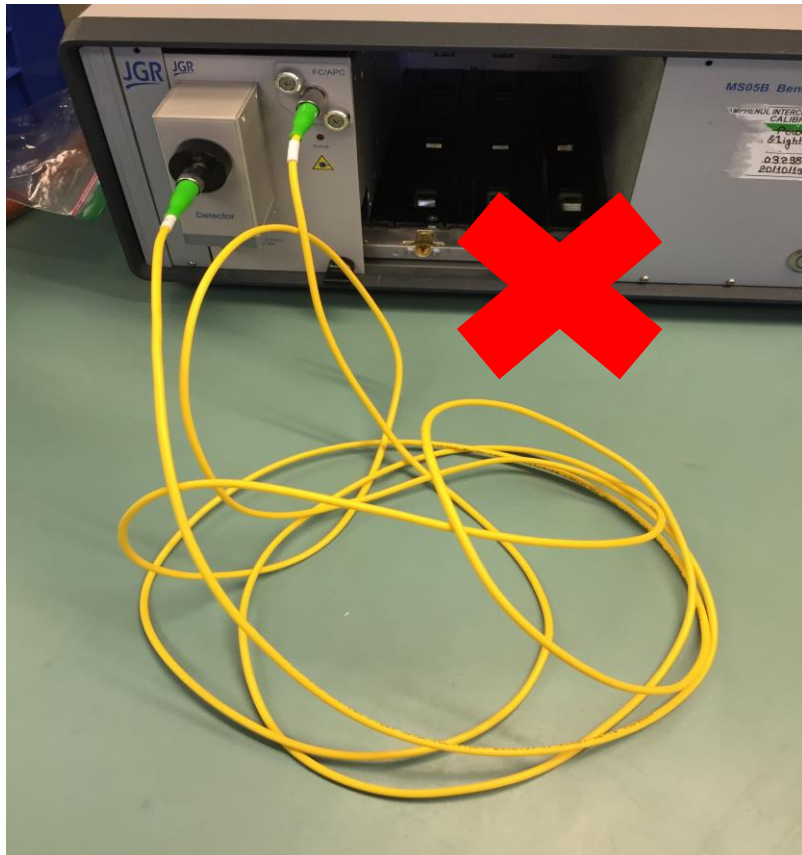


DO NOT hold the heat gun too close to the fiber. It will melt the fiber. Hold the heat gun approximately 6 inches (15cm) away from the fiber.

Fiber Management

Shown below is the effect that poor fiber management can have on a continuous test. Over time as the fiber relaxes the amount of loss experienced in the system decreases.

IL range of: 0.1dB at 1490nm / 0.4dB at 1625nm



Fiber Management

Shown below is a continuous test with good fiber management. The consistency is much better.

IL range of: 0.01dB at 1490nm / 0.006dB at 1625nm

