



## INFOBIT AV iFiber User Guide V1.0

### **Step 1: Pre-wiring the MPO fiber cable**

Compared with the hybrid active optical cables having uni-direction from source to display, which always cause troublesome, time cost, labor cost when field pre-wiring starting over. Our iFiber cable can be installed from any location from a source to display without the burden of ensuring the cable is in the correct direction. Once the bi-direction MPO cable has been prewired, it is ready for source and display connections.

Please always observe proper techniques and best practices for wiring fiber optical cables:

- The Fiber Optic Pulling Eye is an essential component when working with installation conduits, ducts or risers. Quite simply, a fiber optic pulling eye allows you to pull pre-terminated fiber cable through tight spaces properly, without damaging the fiber core. Using a pulling eye can also keep the fiber connector well protected for runs of up to 2000 feet. For a safe, stress-free installation, a fiber optic pulling eye is a must-have tool.
- Never dismantle a MPO connector. The pins are difficult to detach from a MPO connector and the fibers might break in the process. In addition, the warranty becomes null and void if you open the connector housing.
- To prevent damage to the device and to connectors and to keep contamination off of endfaces. Do not remove the protective caps from the fiber optic connectors until the iFiber TX or RX Connector Cable is ready to be attached to the fiber optic cable.
- Do not pinch fiber cable between fingers. Doing so may permanently damage the fiber optic cable.

### **Step 2: Attach the iFiber Tx and Rx connectors cables ( Transmitter and Receiver)**

Remove the protective cap one at a time from the Tx or Rx Connector Cables and the corresponding connector of the iFiber cable. Immediately connect the two parts together using the supplied Coupler.

The MPO fiber optic couplers, keyed with Tx/Rx connectors so that only the correct alignment is possible, provide a fast and easy way to connect one male MPO fiber cable with alignment pins to one female MPO fiber cable w/o alignment pins.

**Note:**

**Connect USB power at the Display side, must require.**

The Receiver connect includes a USB cable to provide external power supply. Plug the USB cable into an available port on the display. If there is no vacant port, then alternatively a USB 5V AC adapter may be used as an option.

