OPT-2 OPTO ISOLATION LINK

The OPT-2 USB to USB Isolator is a single port USB 1.1 port isolator intended for industrial, medical and other harsh environment applications.

The Upstream port is configured with a high retention USB type B connector and the Downstream port is configured with a high retention USB type A connector.

The Power LED when lit indicates the device is powered and ready to be used. The USB isolator receives power directly from the host PC or hub that is plugged into the upstream port of the isolator.

The isolator will work with USB 1.1 or 2.0 ports but has a fixed USB data rate of 12 Mbps.

USB cables up to the standard 5 meter length may be used on either the upstream and/or downstream ports of the isolator.

   Note: Surrounding Air Ambient Temperature: -40 to 80°C

Installation

1. Plug the included one meter USB cable into the port marked Upstream (Type-B connector) and the other end of the cable into the host PC or hub.
   Note: A one meter cable is included for convenience. Other USB cables up to the 5 meter standard are ok to use.

2. The Power LED will light, indicating power is being received from the host and that the isolator is ready to be used.

3. Plug the downstream device into the port marked downstream (Type-A connector). This cable is not included.

4. The USB isolator is transparent to the host operating system and does not require configuration or software installation.

   Note: The isolators are USB bus powered and can provide up to 100 mA of current to the attached downstream device. This is possible when the isolator is connected to a high power USB host port.

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