A SUBSIDIARY OF WESCO DISTRIBUTION, INC.

## DL-USB2-WP-H Technical Specifications <br> Wall Plate USB 2.0 Hi-Speed Twisted Pair Extender Rev 141118

The Digitalinx DL-USB2 products will extend a Hi-Speed USB 2.0 signal ( 480 Mbps ) up to 100 meters ( 328 feet). The extenders may be powered on either end for low power devices such as keyboards or mice. For remote devices which require more power, the client side extender will require to be powered.

Initial offerings in the product line include a modular USB host transmitter (DL-USB2-H), a modular USB client receiver (DL-USB2-C), a wall plate USB host transmitter (DL-USB2-WP-H), and a wall plate USB receiver (DL-USB2-WP-C). All combinations of host and client are compatible with each other.


| 1/O Connections |  |
| :---: | :---: |
| USB | One (1) USB Type B |
| Twisted Pair | One (1) 8P8C port (Shielded RJ45) |
| Supported Signals |  |
| USB 2.0 | Low Speed (1.5 Mbps), Full Speed (12 Mbps), and Hi-Speed (480 Mbps) |
| USB 1.1 | Low Speed (1.5 Mbps) and Full Speed (12 Mbps) |
| Extender Characteristics |  |
| Maximum Distance | 100 m (328ft) |
| Cable Requirements | Category $5 \mathrm{e}, 6$, or 6A with TIA/EIA-568B crimp pattern |
| Chassis and Environmental |  |
| Enclosure | Painted Aluminum |
| Dimensions (Exposed Module) | $46 \mathrm{~mm} \times 21 \mathrm{~mm} \times 40 \mathrm{~mm}$ ( $1.81 \mathrm{in} \times 0.83$ in $\times 1.57 \mathrm{in}$ ) |
| Shipping Weight | 0.3 kg ( 0.66 lbs ) |
| Operating Temperature | $0^{\circ}$ to $+40^{\circ} \mathrm{C}\left(+32^{\circ}\right.$ to $\left.+104^{\circ} \mathrm{F}\right)$ |
| Operating Humidity | 20\% to 90\%, Non-condensing |
| Storage Temperature | $-10^{\circ}$ to $+60^{\circ} \mathrm{C}\left(+14^{\circ}\right.$ to $+140^{\circ} \mathrm{F}$ ) |
| Storage Humidity | 20\% to 90\%, Non-condensing |
| Power, ESD, and Regulatory |  |
| Power to USB Devices | 500 mA |
| Maximum Power Consumption | 4.3 watts |
| ESD Protection | $\pm 8 \mathrm{kV}$ (air-gap discharge), $\pm 4 \mathrm{KV}$ (contact discharge) |
| Extender Regulatory | FCC, CE, RoHS |
| Other |  |
| Warranty | 2 years |
| Diagnostic Indicators | Power and Link LEDs |
| Included Accessories | Installation Guide, Decora Ring, USB A to USB B cable |
| Compatible Client Extenders | DL-USB2-C, DL-USB2-WP-C |

