

USB Extender (Non Powered)

Data Sheet - Part #: XC-4884



Product Information

A USB system has an asymmetric design, consisting of a host controller and multiple daisy-chained peripheral devices. Additional USB hubs may be included in the chain, allowing branching into a tree structure, subject to a limit of 5 levels of branching per controller. No more than 127 devices, including the bus devices, may be connected to a single host controller. Modern computers often have several host controllers, allowing a very large number of USB devices to be connected. USB cables do not need to be terminated.

In USB terminology, individual devices are referred to as functions, because each individual physical device may actually host several functions, such as a webcam with a built-in microphone. Functions are linked in series through hubs. The hubs are special-purpose devices that are not considered functions. There always exists one hub known as the root hub, which is attached directly to the host controller.

Required Items

- PC/Server/Laptop with a USB port.
- Requires a length of UTP or STP CAT5e patch cable.

See our CAT5e patch cables for available UTP sizes, or contact us for pricing on STP.

Features:

The CAT5 USB Extender can be used to extend the distance between a USB device and a host computer by up to 50m. It consists of a local unit with USB Type A Male (host computer side) and a remote unit (device side) with built-in USB Type A Female connector. Standard CAT5e/6 network cable (UTP or STP) is used to connect the two units together.

Specifications:

- Simple to install
- "Plug & Play"
- Compliant with USB 1.1 specification, OHCI and UHCI
- Extends a single USB port over low cost CAT5/5e/6 network cable (UTP or STP) by up to 50m
- Bus-powered - no external power supply required for local or remote unit
- Connectors:
Local unit: Type A USB Male & RJ-45 Female
Remote unit: Type A USB Female & RJ-45 Female
- Stylish black plastic housing with silver internal coating
- 100% compatible with USB hubs and other devices
- Compatible with all major USB enabled operating systems

Please Note:

The CAT5 USB Extender introduces a USB signal delay according to the cable length used.

This is equivalent to: 20m / 2 hubs

30m / 3 hubs

50m / 5 hubs

According to the USB standard, a maximum of 5 hubs may be used between a host computer and device, this includes any USB hubs, active extension cables or the equivalent hub rating of this USB Extender. Therefore, when using a 50m cable, no extra hubs or extension cables can be used between computer and device.

Product Weight:

0 (Kg)

Product Dimensions:

0 (Width mm x Height mm x Depth mm)

Please Note: Weights & Dimensions shown are based on the product itself and not the product with its packaging. As some products will not physically fit into our standard 1, 3 and 5KG courier satchels, freight cost may vary depending on product packaging and shipment size.



03 9725 1911



sales@dueltek.com.au



03 9725 1126



Unit 2, 35-43 Lacey St. Croydon
Victoria 3136 Australia



www.dueltek.com.au