



10m USB 3.0 Active Extension Pro Hub

No.: 43159

Extend USB 3.0 connections up to 50m

Description

- High performance hub with active cable that provides an extended 10m connection between a computer and up to 4 USB 3.0 devices
- Can be used standalone or as part of the Lindy Active Extension System Pro to create bespoke extension systems of over 40m (depending on the cable configurations used)
- Supports the full USB 3.0 SuperSpeed bandwidth for speeds of 5Gbps
- Easy to use – connects to the device's existing USB cable (2m maximum)
- 2 year warranty

The Lindy USB Active Extension Hub Pro is a high performance hub with active cable that allows access to four USB 3.0 SuperSpeed peripherals over long distances. With support for data transfer speeds of up to 5Gbps this extension hub is perfect for transferring large data volumes quickly and reliably.

This 10m extension hub can be used standalone or as part of the Lindy USB 3.0 Active Extension System Pro. This system is a modular solution that can combine multiple USB Active Extension Pro cables and a USB 3.0 Active Extension Pro hub to distribute USB signals to up to 4 devices at up to 50m (depending on the cable configurations used).

The 8m and 10m cable, and the 10m hub, feature a single active repeater module to boost the USB signal. The 15m cable uses two repeaters. A fully deployed extension system is limited to a maximum of 50m and 5 repeater modules. Any combination of cables and a single hub can be connected providing the 50m / 5 repeater limit is not exceeded. The extension hub must always be the last segment of the extension system.

This hub features industry-proven active technology and locking connectors to ensure full signal integrity in the most demanding environments.

Information about USB 3.0, 3.1 & 3.2

USB 3.0, USB 3.1 and USB 3.2 PCs, cables and devices are all compatible with each other, when using either a USB Type A or USB Type C host interface.

USB 3.0, USB 3.1 Gen 1 and USB 3.2 Gen 1 all support data transfer rates up to 5 Gbps.

USB 3.1 Gen 2 and USB 3.2 Gen 2 both support data transfer rates up to 10 Gbps.

Technical details

Connectors

- Connector A: USB Type A Male
- Connector B: 4 x USB Type A Female
- Power: 3.5/1.35mm DC Connector
- Housing Material: Plastic
- Connector Plating: Nickel
- Pin Construction: Brass
- Pin Plating: Gold Flash
- Dimensions (approx.) WxDxH:
 - USB A Male: 15x42x8mm (0.59x1.65x0.31in)
 - Hub: 80x38x15mm (3.15x1.5x0.59in)

Cable Construction

- Length: 10m (32.81ft)
- Standard: USB 3.1 Gen 1 / 3.0
- Colour: Black
- Type: Round
- Jacket Diameter: 7mm +/- 0.15mm (0.28in +/- 0.01in)
- Jacket Material: Half matt PVC low toxic
- Conductor Material: Tinned Copper
- Conductor Gauge: 24/24/20AWG
- Shielding: AL Mylar and braid

Specifications

- Supported Bandwidth: 5 Gbps
- Nominal Attenuation:
 - 0.064MHz - <0.08dB
 - 0.256MHz - <0.11dB
 - 0.512MHz - <0.13dB
 - 0.772MHz - <0.15dB
 - 1.0MHz - <0.20dB
 - 4MHz - <0.39dB
 - 8MHz - <0.57dB
 - 12MHz - <0.67dB
 - 24MHz - <0.95dB
 - 48MHz - <1.35dB
 - 96MHz - <1.90dB
 - 200MHz - <3.20dB
 - 400MHz - <5.80dB
- Minimum Bend Radius: 36mm (1.42in)
- Maximum Tensile Load: -
- Operating Temperature: 0°C - 50°C (32°F - 122°F)
- Storage Temperature: -20°C - 60°C (-4°F - 140°F)
- Transmission Medium: Twisted Pair
- Transmission Technology: USB 3.1 Gen 1 / 3.0

Miscellaneous

- Packaging Type: Carton Box
- Packaging Dimensions: 240x200x70mm (9.45x7.87x2.76in)
- Net Weight: 0.79kg (1.74lb)
- Gross Weight: 0.9kg (1.98lb)
- Warranty (Years): 2
- Certificated: CE, FCC, RoHS, REACH & California Proposition 65

Packaging Content

- USB 3.0 Active Extension Pro Hub
- 5VDC 3.5A Multi-Country Power Supply (EU, UK, US & AUS)
- Lindy Manual

Purchasing Information

- No.: 43159
- EAN: 4002888431590

This product is also available in other lengths

- 43158 - 8m (26.25ft)
- 43157 - 10m (32.81ft)