



Product Data Sheet

Lindy USB 3.0 Active Extension Pro Cable

Description



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

These extension cable 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 about 40m (depending on the cable configurations used).

Please note that only the USB 3.0 Active Extension Pro 8m (LIN-43158) or 15m (LIN-43229) can be connected directly to your computer. If you are creating an extension using multiple units from the Extension Pro System then the first unit must always be the USB 3.0 Active Extension Pro 8m (LIN-43158) or 15m (LIN-43229). Once the first cable has been connected, you can then cascade further cables to achieve a maximum distance of 40m. The final part of the extension can be any of the three parts of the Extension Pro System. If you need to extend multiple devices or if you connect a USB device with high power requirement, then you should use the 10m Hub Pro unit (LIN-43159) with it's power supply as the final part of the extension.

This cable 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.

Product	SKU
LINDY USB 3.0 ACTIVE EXTENSION PRO CABLE	LIN-43158



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Key Benefits

- High performance, active cable that provides an extended connection between a computer and USB 3.0 device
- 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 cables 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

Technical Specification

Lindy USB 3.0 Active Extension Pro Cable Specification

Connectors	Type: Round
Connector A: USB Type A Male	Jacket Diameter: 7mm +/- 0.15mm (0.28in +/- 0.01in)
Connector B: USB Type A Female	Jacket Material: Half matt PVC low toxic
Power: 2.5/0.7mm DC Connector	Conductor Material: Tinned Copper
Housing Material: Plastic	Conductor Gauge: 24/24/20AWG
Connector Plating: Nickel	Shielding: AL Mylar and braid
Pin Construction: Brass	Specifications
Pin Plating: Gold Flash	Supported Bandwidth: 5 Gbps
Dimensions (approx.) WxDxH:	Nominal Attenuation: 0.064MHz - <0.08dB
USB A Male: 15x49x8mm (0.59x1.93x0.31in)	0.256MHz - <0.11dB
USB A Female: 20x80x13mm (0.79x3.15x0.51in)	0.512MHz - <0.13dB
Cable Construction	0.772MHz - <0.15dB
Length: 8m (26.25ft), 10m (32.81ft), 15m (49.21ft), 20m (65.62ft)	1.0MHz - <0.20dB
Standard: USB 3.1 Gen 1 / 3.0	4MHz - <0.39dB
Colour: Black	8MHz - <0.57dB



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Technical Specification

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Specifications	Transmission Medium: Twisted Pair
Nominal Attenuation: 12MHz - <0.67dB	Transmission Technology: USB 3.1 Gen 1 / 3.0
24MHz - <0.95dB	Miscellaneous
48MHz - <1.35dB	Packaging Type: Carton Box
96MHz - <1.90dB	Warranty (Years): 2
200MHz - <3.20dB	Certified: CE, UKCA, FCC, RoHS, REACH & California Proposition 65
400MHz - <5.80dB	Package Contents
Minimum Bend Radius: 36mm (1.42in)	USB 3.0 Active Extension Pro
Maximum Tensile Load: -	Power Adapter Cable LIN-70265
Operating Temperature: 0°C - 50°C (32°F - 122°F)	Lindy Manual
Storage Temperature: -20°C - 60°C (-4°F - 140°F)	