



Product Data Sheet

Lindy USB 2.0 Active Extension Pro Cable

Description



The Lindy USB Active Extension Cable Pro is a high performance active cable that allows access to USB 2.0 peripherals over long distances. With support for data transfer speeds of up to 480Mbps this extension cable is perfect for transferring data volumes quickly and reliably.

These extension cables can be used standalone or as part of the Lindy USB 2.0 Active Extension System Pro. This system is a modular solution that can combine multiple USB Active Extension Pro cables and a USB 2.0 Active Extension Pro hub to distribute USB signals to up to 4 devices at up to 60m.

The 8m and 12m cable, and the 8m and 12m hub feature a single active repeater module to boost the USB signal. The 30m cable uses two repeaters. A fully deployed extension system is limited to a maximum of 60m and 4 repeater modules. Any combination of cables and a single hub can be connected providing the 60m / 4 repeater limit is not exceeded. The extension hub must always be the last segment of the extension system.

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

Product	SKU
LINDY USB 2.0 ACTIVE EXTENSION PRO CABLE	LIN-42780



Product Data Sheet

Lindy USB 2.0 Active Extension Pro Cable

Key Benefits

- High performance, active cable that provides an extended 8m connection between a computer and USB 2.0 device
- Can be used standalone or as part of the Lindy Active Extension System Pro to create bespoke extension systems of up to 60m
- Supports USB 2.0 High Speed bandwidth for speeds of 480Mbps
- Easy to use – connects to the device's existing USB cable (2m maximum)
- 2 year warranty

Technical Specification

Lindy USB 2.0 Active Extension Pro Cable Specification

Specifications	Conductor Gauge: 26/20AWG
Connector A: USB Type A Male	Shielding: AL Mylar and braid
Connector B: USB Type A Female	Specifications
Housing Material: Plastic	Supported Bandwidth: 480 Mbps
Connector Plating: Front: Gold / Back: Nickel	Nominal Attenuation: (0.064 MHz, -0.08 dB)
Pin Construction: Brass	(0.256MHz, -0.11 dB)
Pin Plating: Gold Flash	(0.512MHz, -0.13 dB)
Dimensions (approx.) WxDxH:	(0.772 MHz, -0.15 dB)
USB A Male: 15x43x8mm (0.59x1.69x0.31in)	(1 MHz, -0.2 dB)
USB A Female: 20x64x13mm (0.83x2.52x0.51in)	(4 MHz, -0.39 dB)
Cable Construction	(8 MHz, -0.57 dB)
Length: 8m (26.25ft)	(12 MHz, -0.76 dB)
Standard: USB 2.0	(24 MHz, -0.95 dB)
Colour: Black	(48 MHz, -1.35dB)
Type: Round	(96 MHz, -1.9 dB)
Jacket Diameter: 5mm +/-0.15mm (0.2in +/- 0.01in)	(200 MHz, -3.2 dB)
Jacket Material: Half matt PVC low toxic	(400 MHz, -5.8 dB)
Conductor Material: Tinned Copper	Minimum Bend Radius: 26mm (1.02in)



Product Data Sheet

Lindy USB 2.0 Active Extension Pro Cable

Technical Specification

Lindy USB 2.0 Active Extension Pro Cable Specification

Maximum Tensile Load: -	Net Weight: 0.28kg (0.62lb)
Operating Temperature: 0°C - 50°C (32°F - 122°F)	Gross Weight: 0.44kg (0.97lb)
Storage Temperature: -20°C - 60°C (-4°F - 140°F)	Warranty (Years): 2
Transmission Medium: Twisted Pair	Certified: CE, UKCA, FCC, RoHS, REACH & California Proposition 65
Transmission Technology: USB 2.0	Package Contents
Miscellaneous	USB 2.0 Active Extension Pro 8m
Packaging Type: Carton Box	Lindy Manual
Packaging Dimensions: 238x202x66mm (9.37x7.95x2.6in)	