



PT-2UT/R

USB 2.0 PoC Extender Kit over
ExtendedReach CAT

| CAT



PT2UT/R is a comprehensive, extendedreach CAT extender kit for USB 2.0, RS232 and audio signals and 2way powering over twisted pair. The PT2UT transmitter converts the USB input signal into a CAT signal. The PT2UR receiver converts the transmitted CAT signal into a USB signal

FEATURES

Comprehensive USB Extender - Plug & play USB extender kit for providing extendedreach CAT signals and 2-way power over twisted pair copper infrastructures. A local USB host is autoconnected to remoteconnected USB devices employing either interrupt, bulk or isochronous USB 2.0 standard data transfer communication

Flexible USB Connectivity - Wide Variety of USB peripheral devices can be extended including cameras, touch screens, smart boards, hard drives, game controllers, audio devices, printers, scanners, or HID (Human Interface Devices) devices such as a mouse or keyboard. Dual role and OTG (On The Go) devices such as smart phones and tablets, connected either to a transmitterside USB host port or receiverside USB device port, can communication with a remote host or peripheral pairing device

Remote USB Charging - Fast USB charging of peripheral devices when the receiver is powered by a power supply, and standard USB charging when the receiver is powered by the transmitter via CAT

Bidirectional RS-232 Extension - Serial interface data flows in both directions, allowing data transmission and device control

Audio Extension - Send an audio signal from an audio source connected to the transmitter to an active audio playing device connected to the receiver

Cost-Effective Maintenance - Status LED indicators facilitate easy local maintenance and troubleshooting

Easy Installation - Single twistedpair cable for signal and power wiring. Compact PicoTOOLS® fan-less enclosure for deviceback mounting, or sidebyside mounting of 4 units in a 1U rack space with the recommended rack adapter



TECHNICAL SPECIFICATIONS

Inputs	1 CAT: On an RJ-45 female connector for extension line (PT-2UR) 1 Stereo Analog Unbalanced Audio: On a 3.5mm mini jack connector for audio extension (PT-2UT)
Outputs	1 CAT: On an RJ-45 female connector for extension line (PT-2UT) 1 Stereo Analog Unbalanced Audio On a 3.5mm mini jack connector for audio extension (PT-2UR)
Ports	1 USB: On a USBB female connector for USB host extension (PT-2UT) 4 USB: On USBA female connectors for USB devices extension (PT-2UR) 1 RS-232: On a 3-pin terminal block connector for serial link extension
Extended USB	Data Rate Up to 480Mbps Transmitted Data Bandwidth Up to 300Mbps Standards Compliance 1.1 and 2.0 USB
Extension Line	Reach Using Shielded UNIKAT Cables: Up to 100m (330ft) Reach Using CAT 5e Cables: Up to 30m (100ft)
Extended RS-232	Baud Rate 9600
PT-2UR USB CHARGING:	Max Total Current When PSUPowered: 3A Max Current Per Port When PSUPowered: 2A Max Total/Perport Current When PoC Powered: 0.5A
User Interface	Indicators: LINK and ON LEDs
Power	Source: 12V DC, 2A Consumption: 500mA
Enclosure	Size: Pico Tools Type: Aluminum Cooling: Convection ventilation
Accessories	Includes: 1 12V powersupply, 1 CUSB/AB6 USB typeA male to USB typeB male 2m cable
Product Dimensions	6.22cm x 5.18cm x 2.44cm (2.45" x 2.04" x 0.96") W, D, H
Product Weight	0.2kg (0.5lbs) approx
Shipping Dimensions	15.70cm x 12.00cm x 8.70cm (6.18" x 4.72" x 3.43") W, D, H
Shipping Weight	0.7kg (1.5lbs) approx

