

USB DATA EXTENSION OVER CAT

PureLink



When 2m just isn't far enough...

USB cables are not designed for long distances and normal passive cables can lose integrity after just 2.00m. With an extender pair and category cable, that distance can be increased exponentially.

Extending USB over category cable offers a reliable solution to the limits of passive cabling. PureTools Cat-based extenders feature the latest chipsets, including the Valens VS6320, delivering zero-latency, symmetric 6Gbps connectivity. Supporting USB 1.1, 2.0, and 3.2 up to 100 metres, they handle control signals, frame sync, and power – up to SuperSpeed standards. Ideal for video conferencing and machine vision, where stable high-speed transfer is critical.

USB3 CAT. EXTENSION

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USB Switcher Extender

PT-E-U321-H



USB-C Host Extender

PT-E-U3CPD-H



USB-C Device Extender

PT-E-U34-D

INPUT	2 (USB-B + USB-C)	1 (USB-C)	1 (HDBaseT)
OUTPUT	1 (HDBaseT)	1 (HDBaseT)	4 (2 USB-A + 2 USB-C)
BANDWIDTH	USB 3.2 Gen1 (5Gbps)	USB 3.2 Gen1 (5Gbps)	USB 3.2 Gen1 (5Gbps)
LEX, REX OR PAIR	Host side switch (LEX)	Host side (LEX)	Device side (REX)
PD INJECTION	✓	✓	✗
VIDEO	✓*	✓*	✓*
RANGE	100m	100m	100m

*Dual screen 4K video extension possible when used in conjunction with **PT-C-U3HD-DL** at Device side.



USB 2.0 Extender

PT-E-USB50

INPUT	1 (USB-B)
OUTPUT	2 (USB-A)
BANDWIDTH	USB 2.0 (480Mb)
LEX, REX OR PAIR	Pair
PD INJECTION	⊗
VIDEO	⊗
RANGE	50m