



USB3.2 Gen2x2 Connection Cable for Mediahub2 – Up to 20Gbps Bandwidth, ICS Compatible

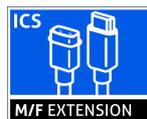
M2-PM2410 – USB3.2 Gen2x2 Interconnect Cable: High-Bandwidth Desk Connectivity for Modular AV Installations

The M2-PM2410 is a precision-engineered USB3.2 Gen2x2 cable assembly, purpose-built for integration with mediahub2 modular desk connection systems in professional AV environments. Its triple-shielded construction and AWG30 conductors support reliable high-speed signal transmission while minimising interference in workspaces, meeting rooms, and hybrid setups. Pairing seamlessly with the mediahub2 M2-CRV slot cover, this cable enables flexible, future-ready desk connectivity. The ICS (Individual Connection System) compatibility introduces a secure, toolless locking mechanism, simplifying installation and supporting custom modular configurations for evolving AV requirements.

- **USB3.2 Gen2x2 High-Speed Transfer:** This cable assembly supports USB3.2 Gen2x2 data rates, enabling up to 20Gbps bandwidth for simultaneous video, data, and power transmission. Downwards compatibility with USB2.0 at 480Mbps ensures seamless integration with legacy devices across diverse AV setups.
- **ICS-Compatible Modular Integration:** Designed for use with the mediahub2 M2-CRV slot cover, the cable features a USB-C female to USB-C male interconnect. ICS compatibility allows secure, toolless attachment to modular interface panels, streamlining installation and supporting rapid reconfiguration in professional workspaces.
- **Triple Shielded Signal Integrity:** The black cable utilises a triple-shielded design with a 5.2mm outer diameter, providing robust protection against electromagnetic interference. AWG30 conductors maintain consistent signal quality, supporting stable performance in electrically noisy environments such as control rooms or collaborative spaces.
- **Gold-Plated Shielded Connectors:** Both connectors are fully shielded and equipped with gold-plated pins, enhancing contact reliability and reducing signal loss. This construction supports repeated connection cycles and ensures dependable performance in high-use desk or podium installations.
- **Future-Proofed Desk Connectivity:** The cable’s high-quality construction and full-feature transmission capability deliver long-term reliability. Its compatibility with evolving data rates and modular systems supports ongoing upgrades and flexible deployment in modern AV environments.

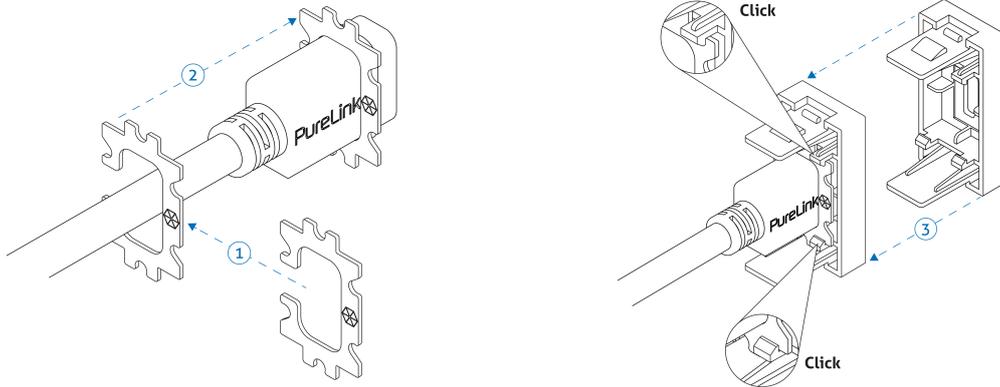
Reliable Modular Cable for Professional AV Desks

The M2-PM2410 serves as a dependable interconnect for modular desk systems, combining high-bandwidth data transfer, advanced shielding, and secure ICS locking. By supporting both current and future connectivity standards, this unit enables AV professionals to address installation challenges, minimise downtime, and maintain signal integrity across diverse workspace and meeting room deployments.



Features

- USB3.2 Gen2x2 connection cable. A precision made cable assembly for mediahub2’s award winning desk connection system.
- Up to 20Gbps bandwidth for Full-Feature transmission of video, data and power. USB2.0/480Mbps downwards compatibility.
- ICS compatible USB-C female to USB-C male interconnect. Designed to pair with a mediahub2 M2-CRV slot cover
- Black triple shielded cable (Ø5.2mm) AWG30 conductors.
- Black shielded connectors with gold plated pins.



Specifications

Cable	
Cable standard	USB 20Gbps 100W
Cable jacket material	Polyvinyl Chloride (PVC)
Cable jacket characteristics	Rugged
Cable shape	Round
Cable fire class	UL VW-1
Cable diameter (mm)	5.2 mm
Cable length detection	Yes
Cable shielding	Tripple shielded
Shield materials	Tinned copper braid, Aluminium foil + Mylar layer
Primary conductor gauge (AWG)	30
Conductor material	Tinned Copper (TC)
Mechanical durability (cycles)	2000
Minimum bending radius (fixed installation)(mm)	36.4 mm
Nominal voltage (V)	20 V
Raw Cable Rated voltage	30 V
Tensile strength (N/mm ²)	50 N/mm ²
Unidirectional	No

Connection	
Connector material	Nickel
Connector housing material	Polyvinyl Chloride (PVC)
Connector contacts plating	Brass - Gold-plated
Connector shielding	Yes
Connector shield material	Steel SPCC
Connector 1 standard	USB-IF
Connector 1	USB Type-C (Gen2)
Connector 1 gender	Male connector
Connector 1 form factor	Straight
Connector 1 lockable	No locking
Connector 1 pinout	22+1 (Type-C full feature)
Connector 1 dimensions (WxDxH) (mm)	34.80 mm x 12.20 mm x 6.40 mm
Connector 1 current (A)	5 A
Connector 2 standard	USB-IF
Connector 2	USB Type-C (Gen2)
Connector 2 gender	Female connector
Connector 2 form factor	Straight
Connector 2 lockable	No locking
Connector 2 pinout	22+1 (Type-C full feature)
Connector 2 dimensions (WxDxH) (mm)	34.80 mm x 14.60 mm x 8.80 mm
Connector 2 current (A)	5 A

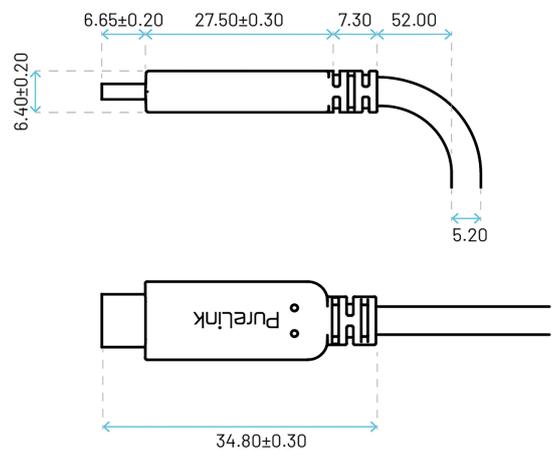
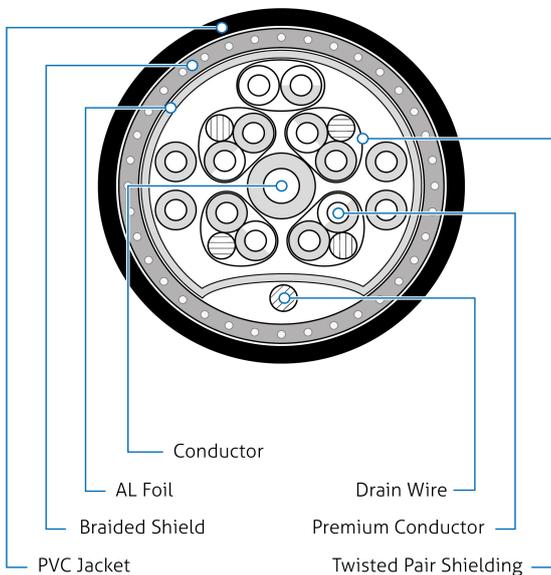
Features	
Connector adapter	No
Other features	N.B. PD support depends on cable connected to the female port. N.B. It is recommended that high quality 1m maximum cable length be connected at the female port.
Single-Stream Transport (SST)	Yes
Multi-Stream Transport (MST) Windows	Yes

USB	
USB version	USB 3.2 Gen2x2
USB data rate (Gbit/s)	20 Gbit/s
DP Alt mode	Yes
Maximum resolution (USB)	7680x4320p
USB Power Delivery revision	USB PD 3.0
USB Power Delivery Range	100W SPR
USB port voltage (V)	20 V
USB port current (A)	5 A
Fast charging	Yes
Vendor code	35f8
e-Marker	No

General Information	
Operating temperature (T-T)(°C)	from -10 °C to 55 °C
Storage temperature (T-T)(°C)	from -2 °C to 70 °C
Operating relative humidity (H-H) (%)	from 0 % to 95 %
Storage relative humidity (H-H)(%)	from 0 % to 95 %
Certification	CE, RoHS



All measurements in mm.



All measurements in mm.



User-accessible cables should be kept to the minimum practical length.

For optimal performance, a maximum 1m cable of equal or higher quality should be used on the user-facing side.

Overview

Parent	Item-No.	Cable colour	Cable length
M2-PM2410	M2-PM2410-003	Black	0.30 m
	M2-PM2410-005	Black	0.50 m
	M2-PM2410-008	Black	0.80 m

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