



USB3.2 Gen1x1 pigtail cable for mediahub2. Seamless connectivity at 5Gbps /480Mbs bandwidth and ICS compatible

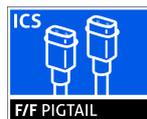
M2-PM1220 – USB3.2 Gen1x1 Pigtail Cable: Precision Interconnect for Modular Desk Connectivity

The M2-PM1220 is a precision-manufactured USB3.2 Gen1x1 pigtail cable designed for integration with the mediahub2 modular desk connection system. This assembly features a triple-shielded, black cable with AWG28 conductors, engineered to maintain signal integrity in professional AV environments such as meeting rooms, collaborative workspaces, and control rooms. The cable utilises ICS (Individual Connection System) compatibility, enabling secure, toolless locking to modular interface panels or slot covers, and supports future-proofed high-speed data transmission for evolving workspace requirements. Gold-plated pins and shielded connectors further ensure reliable performance across diverse AV integration scenarios.

- **USB3.2 Gen1x1 Data Transfer:** The cable supports USB3.2 Gen1x1, providing a data bandwidth of up to 5Gbps. This enables rapid data exchange between user devices and AV infrastructure, accommodating high-throughput requirements in collaborative and hybrid workspace deployments.
- **ICS-Compatible Interconnect Design:** Engineered for use with the mediahub2 M2-CRV slot cover, the cable employs ICS (Individual Connection System) technology. ICS provides a secure, toolless locking mechanism for customisable, modular panel integration, simplifying installation and supporting flexible workspace layouts.
- **USB-A Female to Female Configuration:** The assembly features a USB-A female to USB-A female interface, facilitating straightforward device interconnection within desk modules or AV panels. This configuration is suited for user-accessible connectivity in meeting tables, podiums, or control consoles.
- **Triple Shielded AWG28 Cable:** The black cable utilises a triple-shielded design with Ø5.5mm diameter and AWG28 conductors. This construction minimises electromagnetic interference and signal degradation, supporting stable performance in installations exposed to electrical noise or dense cabling.
- **Gold-Plated, Shielded Connectors:** Both connectors are black, fully shielded, and equipped with gold-plated pins. This combination enhances contact reliability, reduces insertion loss, and maintains long-term electrical performance in demanding AV environments.

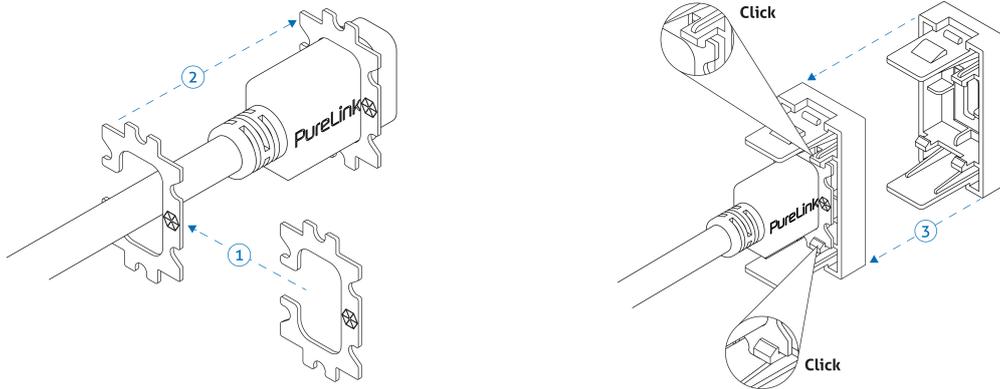
Reliable Modular Connectivity for Workspace AV

By combining ICS compatibility, high-grade shielding, and a precision USB3.2 Gen1x1 interface, the M2-PM1220 supports secure, future-proofed AV installations in professional workspaces. This unit provides a dependable interconnect solution for modular desk systems, addressing signal integrity, ease of installation, and adaptable connectivity within evolving AV environments.



Features

- USB3.2 Gen1x1 pigtail cable. A high quality precision made cable assembly for mediahub2's award winning desk connection system.
- 5Gbps bandwidth for data transmission
- ICS compatible USB-A female to USB-A female interconnect. Designed to pair with a mediahub2 M2-CRV slot cover
- Black triple shielded cable (Ø5.5mm) AWG28 conductors.
- Black shielded connectors with gold plated pins.



Specifications

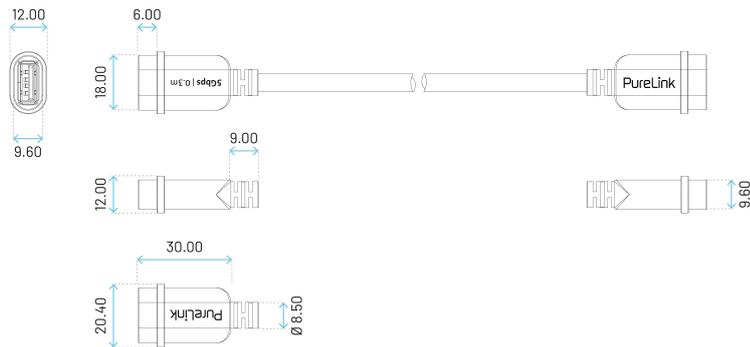
Cable	
Cable standard	USB 5Gbps
Cable jacket material	Polyvinyl Chloride (PVC)
Cable jacket characteristics	Matte
Cable shape	Round
Cable fire class	UL VW-1
Cable diameter (mm)	5.5 mm
Cable length detection	Yes
Cable shielding	Tripple shielded
Shield materials	Aluminium foil (25% overlap) + Mylar layer, Aluminium foil, Aluminium braid
Primary conductor gauge (AWG)	28
Additional cable components	Twisted Pair (Data lines)
Conductor material	Tinned Copper (TC)
Mechanical durability (cycles)	2000
Minimum bending radius (flexible use) (mm)	27.5 mm
Nominal voltage (V)	5 V
Raw Cable Rated voltage	30 V
Unidirectional	No

Connection	
Connector material	Gold-plated
Connector housing material	Polyvinyl Chloride (PVC)
Connector contacts plating	Gold-plated
Connector shielding	Yes
Connector shield material	Copper tape
Pulling force (kN)	0.0073 kN
Connector 1 standard	USB-IF
Connector 1	USB Type-A (Gen1)
Connector 1 gender	Female connector
Connector 1 form factor	Straight
Connector 1 pinout	9+1 (USB3.x)
Connector 1 dimensions (WxDxH) (mm)	20.40 mm x 38.50 mm x 12.00 mm
Connector 1 current (A)	2 A
Connector 2 standard	USB-IF
Connector 2	USB Type-A (Gen1)
Connector 2 gender	Female connector
Connector 2 form factor	Straight
Connector 2 pinout	9+1 (USB3.x)
Connector 2 dimensions (WxDxH) (mm)	20.40 mm x 38.50 mm x 12.00 mm
Connector 2 current (A)	2 A

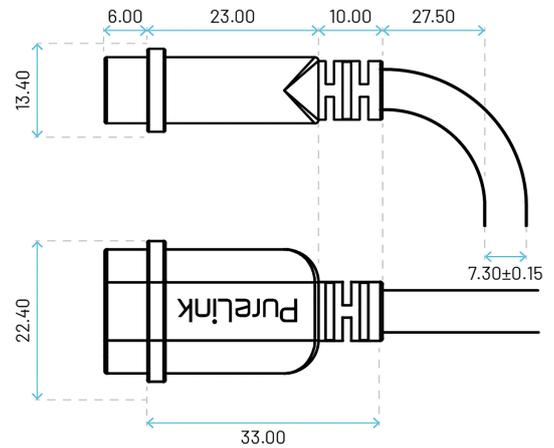
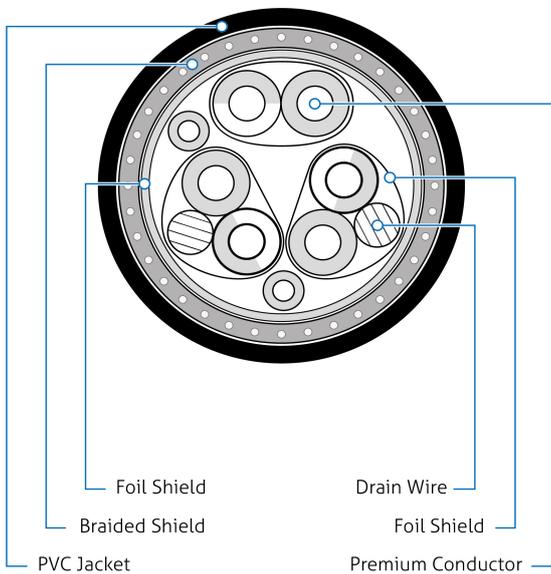
Features	
Connector adapter	No

USB	
USB version	USB 3.2 Gen1x1
USB data rate (Gbit/s)	5 Gbit/s
USB port voltage (V)	5 V
USB port current (A)	2 A
Fast charging	No

General Information	
Operating temperature (T-T)(°C)	from -20 °C to 80 °C
Storage temperature (T-T)(°C)	from -20 °C to 80 °C
Operating relative humidity (H-H) (%)	from 40 % to 90 %
Storage relative humidity (H-H)(%)	from 50 % to 95 %
Certification	CE, RoHS



All measurements in mm.



All measurements in mm.



All connected cables should be thoroughly qualified prior to installation, and 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. Female-to-female interface cables inherently introduce a certain level of unavoidable signal loss. The device-side cable should be of fixed-installation quality and capable of transmitting the required bandwidth with a comfortable performance margin. It is recommended that the intended system configuration be tested prior to installation.

Overview

Parent	Item-No.	Cable colour	Cable length
M2-PM1220	M2-PM1220-001	Black	0.10 m
	M2-PM1220-003	Black	0.30 m
	M2-PM1220-005	Black	0.50 m

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