



USB3.2 Gen1x1 extension cable for mediahub2. Seamless connectivity at 5Gbps/480Mbps and ICS compatible

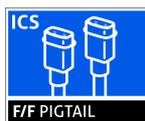
M2-PM1230 – USB3.2 Gen1x1 Cable Assembly: Precision Interconnect for Mediahub2 Desk Systems

The M2-PM1230 is a precision-engineered USB3.2 Gen1x1 cable assembly, specifically developed for integration with the mediahub2 modular desk connection system. Employing a triple-shielded, low-diameter construction and AWG28 conductors, this unit supports reliable, high-speed data transmission in workspaces, meeting rooms, and hybrid AV environments. The cable features ICS (Individual Connection System) compatibility, which facilitates secure, tool-free installation and modular customisation on mediahub2 panels. Black shielded connectors with gold-plated pins further ensure signal integrity and mechanical durability across a wide range of professional AV deployments.

- **USB3.2 Gen1x1 Data Transmission:** The assembly supports USB3.2 Gen1x1 protocol, enabling data transfer rates up to 5Gbps. This ensures efficient connectivity for peripherals and devices within collaborative workspaces, conferencing setups, and AV control systems, supporting seamless integration into modern digital environments.
- **Precision Cable Assembly:** Manufactured to high tolerances, the cable utilises a triple-shielded (Ø5.5mm) structure with AWG28 conductors. This design minimises electromagnetic interference and signal loss, supporting stable operation in electrically noisy environments such as meeting rooms or control centres.
- **ICS-Compatible Interconnect:** Featuring a USB-A female to USB-A male configuration, the cable is designed for direct compatibility with the mediahub2 M2-CRV slot cover and ICS mounting system. The Individual Connection System allows secure, tool-free attachment to modular interface panels, streamlining installation and future upgrades.
- **Enhanced Mechanical and Signal Integrity:** Black shielded connectors with gold-plated pins provide reliable electrical contact and increased resistance to corrosion. This construction maintains consistent performance and reduces the risk of signal degradation over repeated connection cycles in high-use AV environments.
- **Optimised for Professional Desk Integration:** The assembly's form factor and compatibility with mediahub2 accessories enable flexible deployment in fixed desk installations, podiums, or hybrid meeting spaces, supporting a wide range of professional AV connectivity requirements.

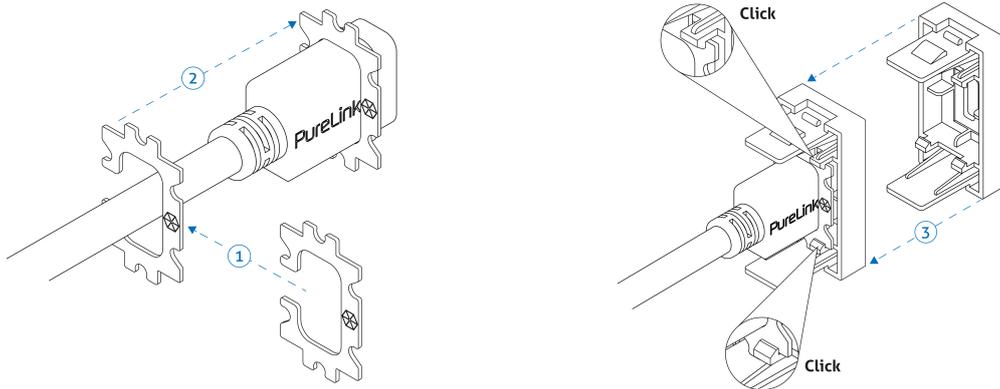
Reliable Modular Connectivity for AV Workspaces

By combining ICS compatibility, precision shielding, and gold-plated contact surfaces, the M2-PM1230 supports the creation of modular, future-proof desk and panel connections. This unit provides a reliable solution for AV professionals seeking high-speed data transmission, mechanical durability, and flexible installation within collaborative workspaces and hybrid environments.



Features

- USB3.2 Gen1x1 connection cable. A 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 male 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
Tensile strength (N/mm ²)	9.8 N/mm ²
Unidirectional	No

Connection	
Connector material	Gold-plated
Connector housing material	Polyvinyl Chloride (PVC)
Connector contacts plating	Gold-plated
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 lockable	No locking
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	Male connector
Connector 2 form factor	Straight
Connector 2 lockable	No locking
Connector 2 pinout	9+1 (USB3.x)
Connector 2 dimensions (WxDxH) (mm)	15.00 mm x 39.00 mm x 7.50 mm
Connector 2 current (A)	2 A

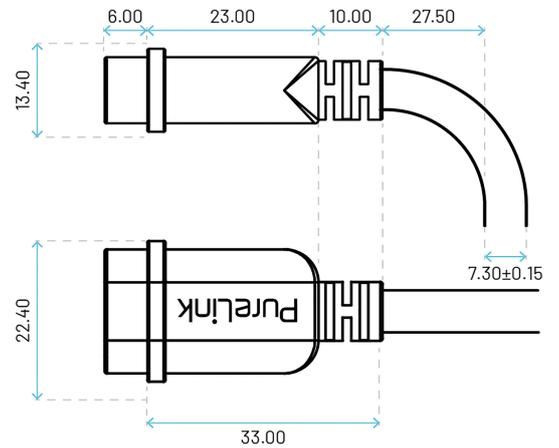
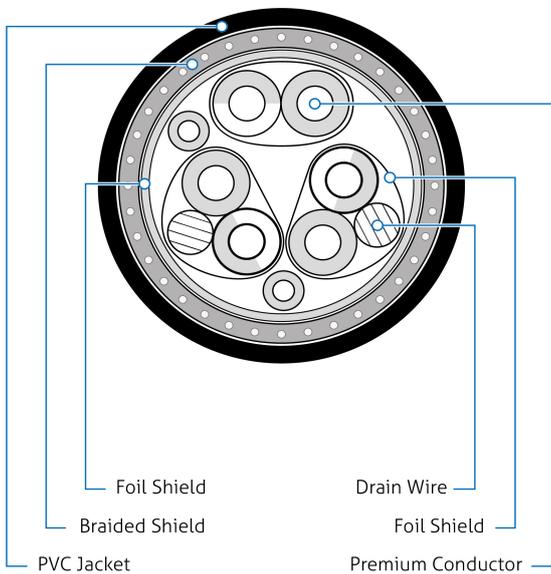
Features	
Connector adapter	No

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.



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 length	Cable colour
M2-PM1230	M2-PM1230-005	0.50 m	Black
	M2-PM1230-010	1.00 m	Black
	M2-PM1230-015	1.50 m	Black
	M2-PM1230-020	2.00 m	Black

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Contact us at
www.purelink.de

+49 5971 800 299-0
info@purelink.de



PureLink GmbH
 Von-Liebig-Str. 10
 48432 Rheine
 Germany

PureLink UK LTD.
 Carpenter Court, 1 Maple Road
 Bramhall, Stockport - Cheshire SK7 2DH
 United Kingdom

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