



DP to HDMI Adapter Cable

Product Overview

PH904-XXM is a DP-HDMI adapter cable designed for video processors with a transmission rate of 21.6Gbps, supporting resolutions up to 3840 *2160@60Hz. The 28AWG cable is made with multi-strand tinned copper wire with three-layer shielding, a thick PVC outer jacket, metal tinplate connectors, 15μ gold-plated pins and locking HDMI screws, which make connections stable and reliable. Comes with transparent heat shrink tubing for labelling, protective connector cap and Velcro straps for easy storage. With its high durability and ease of storage, this product meets and exceeds the demands of repeated use in rental and staging applications. Available in 2.5 meter and 5 meter lengths.



Product Features

- DP1.2 to HDMI adapter cable available in lengths of 2.5m and 5m.
- Active conversion technology with built-in 15kV anti-static protection.
- Transmission rate of 21.6Gbps and fully DP1.2 compliant.
- Supports resolutions up to 3840*2160@60Hz 4:4:4.
- PVC outer jacket and 28AWG multi-strand tinned copper wire guarantee stable connections.
- Three-layer shielding structure and 85% copper shielding rate.
- Zinc alloy housing with locking HDMI screws for reliable connections.
- 15μm gold-plated pins built to withstand more than 1,000 plug cycles.
- Detachable cap with cord leash and Velcro strap for easy storage.
- Suitable for repeated deployment in the rental and staging market.

Product Views



DP-HDMI Front



DP-HDMI Side



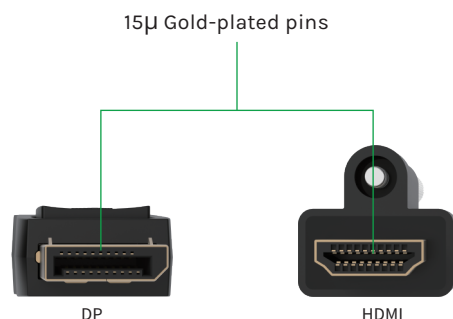
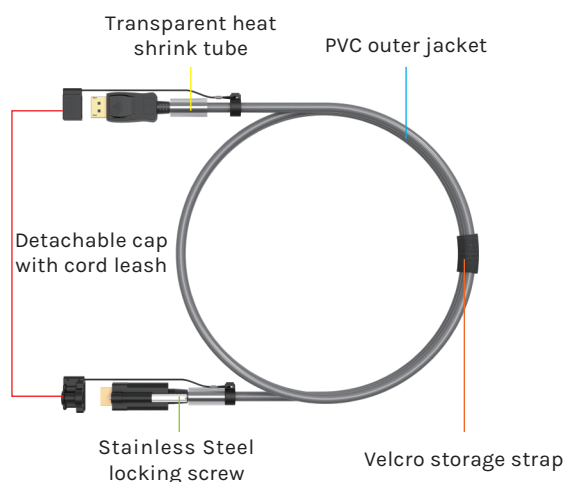
DP-HDMI Interface

Product Specifications

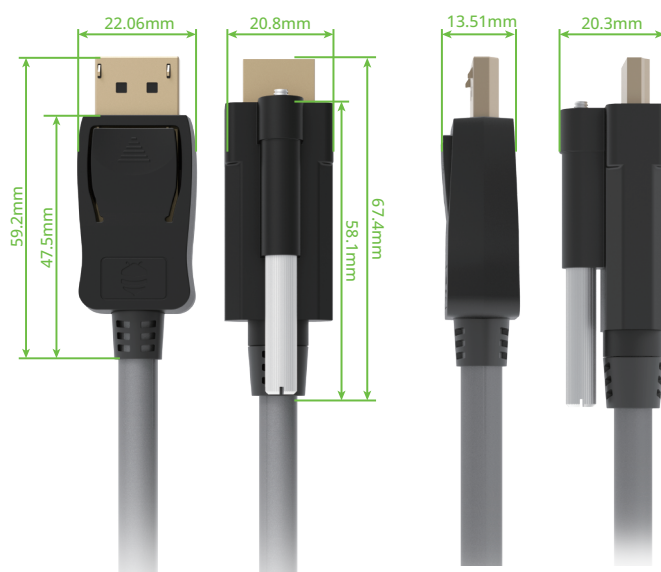
Name	Specifications
Signal Type	DP 1.2a to HDMI 2.0
Conversion Method	Active
Input Connector Type	DP
Output Connector Type	HDMI Type A
Environmental Info	RoHS 2.0 Compliant
Connector Gold Plating	Shell: 3μm; Pins: 15μm
Connector Dimensions	DP: 59.2*22.06*13.51mm / HDMI: 67.4*20.8*20.3mm
Connector Structure (DP)	Plug plate + Inner mold + Shielding case + Copper foil + SR outer mold + Shell + Protective cap
Connector Structure (HDMI)	Active PCB board + SR outer mold + Shell + Screw + Protective cap
Internal Mold (DP)	Transparent PE material
Shielding Case (DP)	Upper and lower assembled metal case
Copper Foil (DP)	Double-sided conductive copper foil
SR Outer Mold	45P black PVC injected mold
Shell	DP: 45P PVC injection molded shell (UL, RoHS); HDMI: Zinc alloy upper and lower assembled shell
Locking Connector (DP)	Standard DP press-style locking mechanism
Locking Connector (HDMI)	Stainless steel screw
Protective Cap	Detachable cap with cord leash
Components	Conductor + Copper foil + Mylar + Braid + Jacket
Conductor Material	Stranded tinned copper
Conductor Diameter	28AWG
Braid Material	16*10 braided copper wire
Shielding Rate	7 mesh 85% shielding rate
Jacket Material	90P PVC (UL,RoHS)
Cable Diameter	7.4mm
Cable Color	Fluorescent gray

Name	Specifications
Cable Meter Marking	Waterproof text
EDID	Yes
DDC	Yes
HDMI Audio	Yes
3D	Yes
CEC	Yes
ARC	Yes
HDCP	Yes
HDR	Yes
XvYCC Color Space	Yes
ESD	Yes
Supported Resolutions	3840*2160@60Hz
Clock Bandwidth	540MHz*4
Transmission Rate	21.6Gbps
Plug and Play	Yes
Delay	Zero
Compression	None
Deep Color	Yes
Color Sampling Rate	RGB 4:4:4, YUV 4:4:4, YUV 4:2:2, YUV 4:2:0
Electrical Test (Voltage)	Voltage: DC 300V
Impedance Test (Insulation)	Insulation resistance: $\geq 10\text{M}\Omega$
Impedance Test (Continuity)	On-resistance: $\leq 2\Omega$
Tensile Strength	$\leq 400\text{N}$
Bending Angle	120°
Operating Temperature	-40°C~80°C

Schematic Diagram of Details



Product Size



Connector Size(DP): 59.2*22.06*13.51mm

Connector Size(HDMI): 67.4*20.8*20.3mm

Cable Diameter: 7.4mm



Full catalog



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