



DP to HDMI Silicone Adapter Cable

Product number: 990635

Product Overview

The SPH904-xxM is a DP1.2a adapter cable designed for Pro-AV industry. This DP to HDMI cable with the active conversion chip delivers a transmission rate of 18Gbps, supporting resolutions up to 3840*2160@60Hz. The 28AWG cable is made with multi-strand tinned copper wire with three-layer shielding, a premium Silicone outer jacket which is highly flame resistant and extremely soft. The metal tinplate connectors, 15µm gold-plated pins and locking HDMI screws make connections stable and reliable. Comes with transparent heat shrink tubing for labeling, protective connector caps and Velcro strap 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 2.5m and 5m lengths.



Product Features

- DP 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 18Gbps and fully HDMI 2.0 compliant.
- Supports resolutions up to 3840*2160@60Hz 4:4:4.
- Premium Silicone outer jacket, upgraded flame retardant grade, and the cable body is still flexible in extreme cold weather.
- 28AWG multi-strand tinned copper wire, three-layer shielding structure and 85% copper shielding rate guarantee stable connections.
- Zinc alloy housing with locking HDMI screws for reliable connections.
- 15µm gold-plated pins built to last support 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.

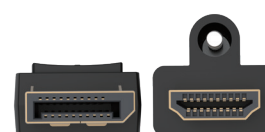
Product Views



DP-HDMI Front



DP-HDMI Side



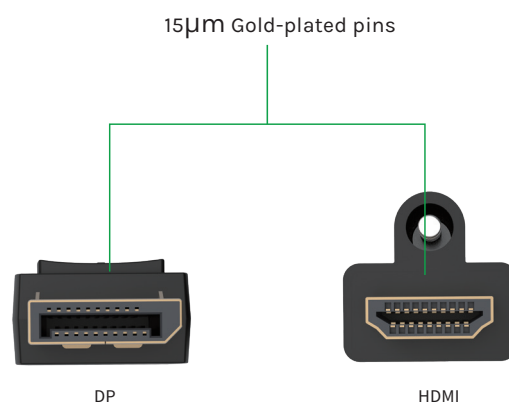
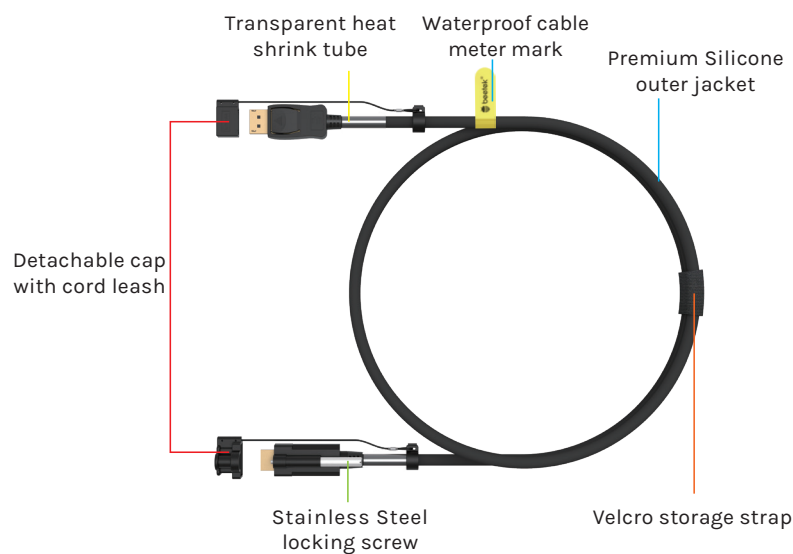
DP-HDMI Interface

Product Specifications

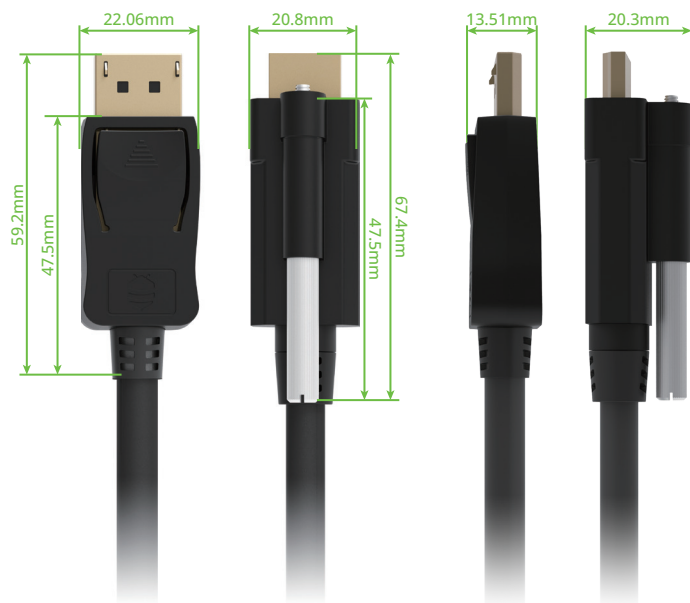
Name	Specifications
Signal Type	DP 1.2a to HDMI 2.0
Conversion Method	Active
Input Connector Type	DP
Output Connector Type	HDMI Type A
Environmental Info	RoHS 2.0 Compliant
Connector Gold Plating	Shell: 3µm; Pins: 15µm
Connector Dimensions	DP: 57.5*22.06*12.4mm / HDMI: 67.4*20.8*20.3mm
Connector Structure (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	Black injection mold
Shell	DP: 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	Silicone
Cable Diameter	7.3mm
Cable Color	Black

Name	Specifications
Cable Meter Marking	Yellow waterproof text
Custom Label	Heat-shrink transparent tubing on both ends for custom labels
Velcro	Detachable Velcro Strap: 20*200mm
EDID	Yes
DDC	Yes
HDMI Audio	Yes
3D	Yes
CEC	Yes
ARC	Yes
HDCP	Yes
HDR	Yes
XvYCC Color Space	Yes
ESD	Yes
DSC	Yes
Supported Resolutions	3840*2160@60Hz
Clock Bandwidth	600MHz*3
Transmission Rate	18Gbps
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	$\leq 400\text{N}$
Maximum Bending Angle	120°
Operating Temperature	-40°C~80°C

Product Detail Drawing



Product Size



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Connector Size(DP): 57.5*22.06*12.4mm

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

Cable Diameter: 7.3mm



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