



USB Type-C to HDMI Silicone Adapter Cable

Product number: 990636

Product Overview

STH905-xxM is a 2.5-meter TypeC3.1 adapter cable designed for Pro-AV industry. This USB Type-C to HDMI cable with the active conversion chip delivers transmission rate of 18Gbps, supporting resolutions up to 3840*2160@60Hz. The 30AWG 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 and Zinc alloy housing, 15μm gold-plated pins and locking HDMI screws, which make connections stable and reliable. Comes with protective connector caps 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 fixed installation, rental and staging applications.



Product Features

- USB Type-C to HDMI adapter cable with a length of 2.5 meters.
- USB 3.1 compliant with active conversion technology and built-in 15kV anti-static protection.
- Delivers 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.
- 30AWG 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 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.

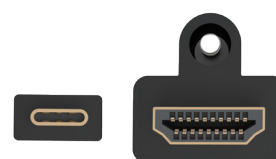
Product Views



TypeC-HDMI Front



TypeC-HDMI Side



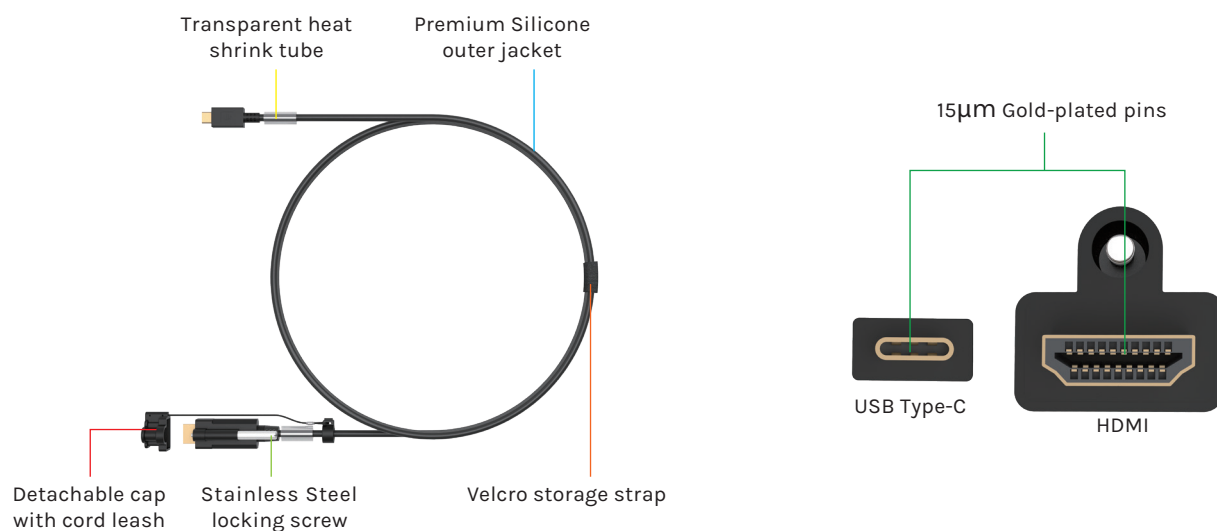
TypeC-HDMI Interface

Product Specifications

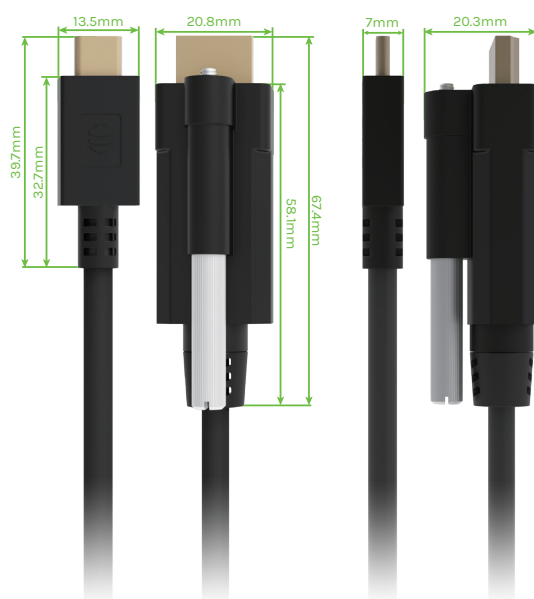
Name	Specifications
Signal Type	USB 3.1 to HDMI 2.0
Conversion Method	Active
Input Connector Type	USB Type C
Output Connector Type	HDMI Type A
Environmental Info	RoHS 2.0 Compliant
Connector Gold Plating	Shell: 3μm; Pins: 15μm
Connector Dimensions	HDMI: 67.4*20.8*20.3mm; Type C: 39.7*13.5*7mm
Connector Structure (Type C)	Plug plate + Inner mold + Copper foil + Shell
Connector Structure (HDMI)	Active PCB board + SR outer mold + Shell + Screw + Protective cap
Internal Mold (Type C)	Transparent PE material
Copper Foil (Type C)	Double-sided conductive copper foil
SR Outer Mold (HDMI)	Black injection mold
Locking Connector (HDMI)	Stainless steel screw
Shell	Type C: Injection-molded shell (UL, RoHS); HDMI: Zinc alloy upper and lower assembled shell
Protective Cap	Detachable cap with cord leash
Components	Conductor + Copper foil + Mylar + Braid + Jacket
Conductor Material	Stranded tinned copper
Conductor Diameter	30AWG
Braid Material	16*10 braided copper wire
Shielding Rate	7 mesh 85% shielding rate
Jacket Material	Silicone
Cable Diameter	5.0MM
Cable Color	Black
Cable Meter Marking	Waterproof text
EDID	Yes

Name	Specifications
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	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	$\leq 200\text{N}$
Maximum Bending Angle	135°
Operating Temperature	-40℃~80℃

Schematic Diagram of Details



Product Size



Connector Size(Type-C): 39.7*13.5*7mm

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

Cable Diameter: 5.0mm



Full catalog



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