



TH905-xxM

USB3.1 Type C - HDMI 2.0 Adapter Cable

Product number:7.06

Summary

TH905-XXM is an active 2.5 meter USB-C to HDMI adapter cable designed for video processors with a transmission rate of 18Gbps, supporting resolutions up to 3840x2160@60Hz. The 30AWG 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 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 rental and staging applications.

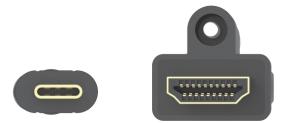
Product view



TypeC-HDMI Front



TypeC-HDMI Side

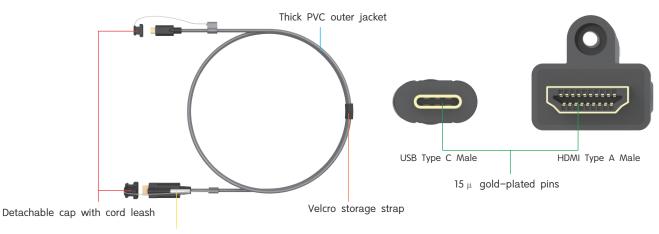


TypeC-HDMI Interface

Technical Characteristics

- + USB Type-C male to HDMI-male adapter with length of 2.5 meters.
- USB 3.1 compliant with active conversion technology and built-in 15kV anti-static protection.
- + HDMI 2.0 compliant with a maximum transmission rate of 18Gbps.
- + Maximum resolution of 3840 x 2160@60Hz 4:4:4.
- + PVC outer jacket and 30AWG multi-strand tinned copper wire.
- + Three-layer shielding structure and 85% copper weaving rate.
- + Zinc alloy housing with locking HDMI screws for reliable connections.
- + 15 μ m gold-plated pins support more than 1,000 cycles of repeated plugging and unplugging.
- + Comes with protective cap and Velcro strap for easy storage.
- + Suitable for repeated deployment in the rental and staging market.

Product Details



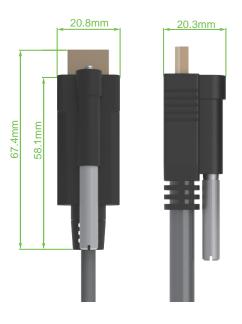
Stainless Steel locking screw

Product parameter

Signal Type USB 3.1, HDMI 2.0 Conversion Method Active Input Connector Type USB Type C Male Output Connector Type HDMI Type A Male Environmental Info RoHS 2.0 Compliant Connector Dimensions HDMI: 67.4*20.8*20.3mm; Type C: 422*14.8*8.9mm 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 SR Outer Mold(HDMI) 45P black PVC injected mold Copper Foil (Type C) Double-sided conductive copper foil Shell(Type C) 45P VPC injection molded shell (UL, RoHS); Shell(HDMI) Zinc alloy upper and lower assembled shell Locking Connector(HDMI) Stainless steel screw Protective Cap Detachable cap with cord leash Conductor Diameter 304WG Braid Material 16*10 braided copper wire Shielding Rate 7 mesh 85% shielding rate Jacket Material 90P PVC (UL, RoHS) Cable Diameter 5.4mm Cable Olor Fluorescent gray Cable Diameter 5.4mm	Name	Parameter
Conversion MethodActiveInput Connector TypeUSB Type C MaleOutput Connector TypeHDMI Type A MaleEnvironmental InfoRoHS 2.0 CompliantConnector Odd PlatingShell: 3µm; Pins: 15µmConnector DimensionsHDMI: 67.4*20.8*20.3mm; Type C: 42.2*14.8*8.9mmConnector Structure (Type C)Plug plate + Inner mold + Copper foil + ShellConnector Structure (HDMI)Active PCB board + SR outer mold + Scoper foil + ShellConnector Structure (HDMI)Active PCB board + SR outer mold + Copper foilSR Outer Mold(HDMI)45P black PVC injected moldCopper Foil (Type C)Double-sided conductive copper foilShell(Type C)45P PVC injection molded shell (UL, RoHS);Shell(HDMI)Zinc alloy upper and lower assembled shellLocking Connector(HDMI)Stainless steel screwProtective CapDetachable cap with cord leashComductor MaterialStranded tinned copperConductor MaterialStranded tinned copperConductor Material16*10 braided copper wireShielding Rate7 mesh 85% shielding rateJacket Material90P PVC (UL, RoHS)Cable Diameter5.4mmCable ColorFluorescent grayCable Diameter5.4mmCable OtorYesDDCYesHDMI AddioYesARCYesHDMI AddioYesARCYesHDCPYesHDRYes	Signal Type	
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EDIDYesDDCYesHDMI AudioYes3DYesCECYesARCYesHDCPYesHDRYes	Cable Meter Marking	Waterproof Yellow Text
DDCYesHDMI AudioYes3DYesCECYesARCYesHDCPYesHDRYes	Velcro	P-shaped Velcro Strap: 20*200mm
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3DYesCECYesARCYesHDCPYesHDRYes	DDC	Yes
CECYesARCYesHDCPYesHDRYes	HDMI Audio	Yes
ARCYesHDCPYesHDRYes	3D	Yes
HDCP Yes HDR Yes	CEC	Yes
HDR Yes	ARC	Yes
	HDCP	Yes
XvYCC Color Space Yes	HDR	Yes
	XvYCC Color Space	Yes
ESD Yes	ESD	Yes
Supported Resolutions 3840 x 2160@60Hz	Supported Resolutions	3840 × 2160@60Hz
Clock Bandwidth 600MHz*3	Clock Bandwidth	600MHz*3
Transmission Rate 18Gbps	Transmission Rate	18Gbps

Name	Parameter
Plug and Play	Yes
Delay	Zero
Deep Color	Yes
Color Sampling Rate	RGB 4:4:4 、YUV 4:4:4、YUV 4:2:2、YUV 4:2:0
Compression	None
Electrical Test (Voltage)	Voltage:DC 300V
Impedance Test (Insulation)	Insulation resistance: \geq 10M Ω
Impedance Test (Continuity)	On-resistance: $\leq 2\Omega$
Tensile Strength	≤200N
Bending Angle	135°
Operating Temperature	-30 °C ~75 °C

Dimensional drawing



- Connector Dimensions(HDMI)
- Connector Dimensions(TypeC)
- Bag Size
- Carton Size



67.4*20.8*20.3mm 42.2*14.8*8.9mm 37* 29cm 46 * 33 * 26cm

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