



TH905-xxM

USB3.1 Type C – HDMI 2.0 Adapter Cable

Product number:7.06

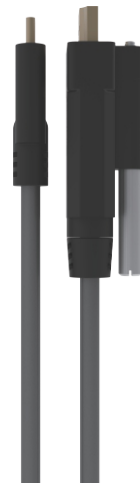
Summary

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, 15 μ 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.

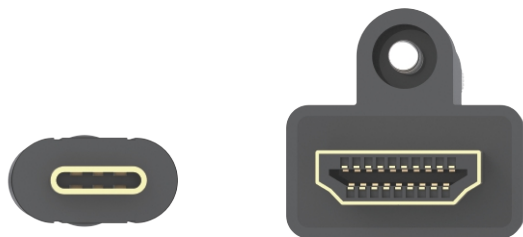
Product view



TypeC-HDMI Front



TypeC-HDMI Side

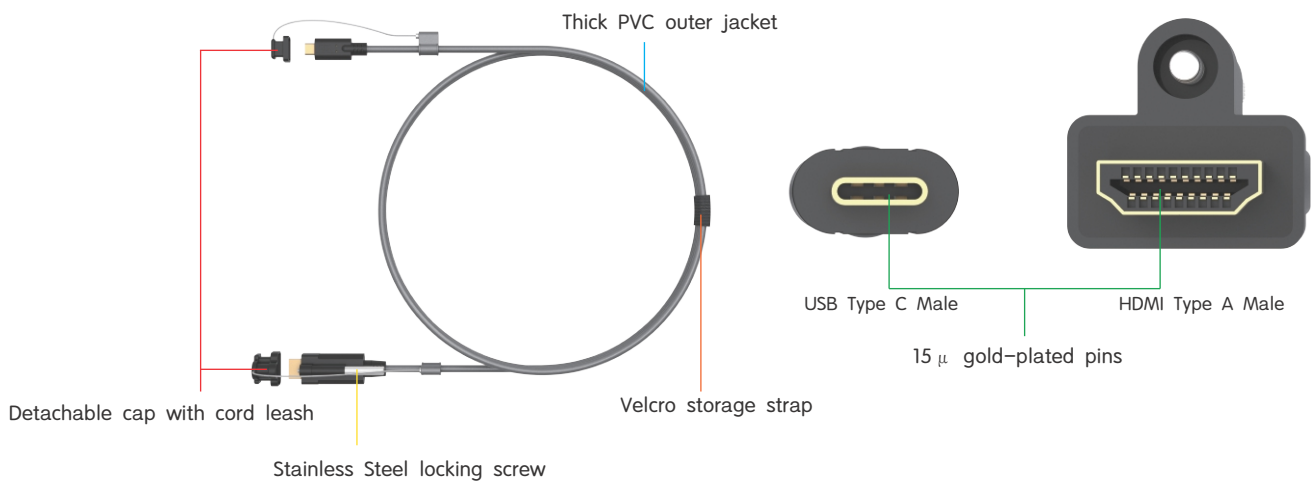


TypeC-HDMI Interface

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

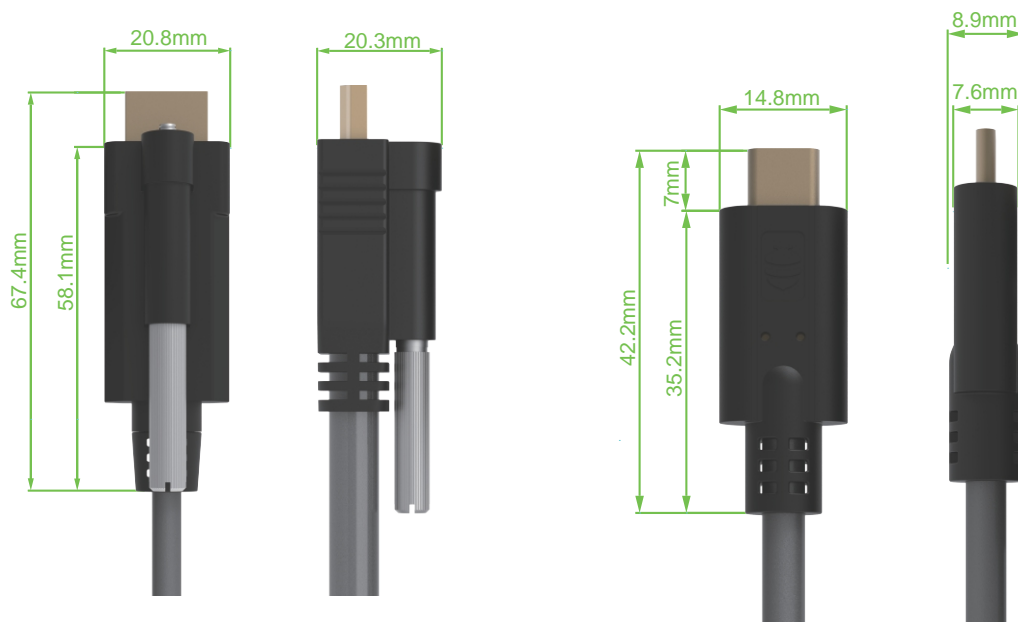


Product parameter

| Name | 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 Gold Plating | Shell: 3μm; Pins: 15μm |
| Connector Dimensions | HDMI: 67.4*20.8*20.3mm; Type C: 42.2*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 PVC 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 |
| 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 | 90P PVC (UL, RoHS) |
| Cable Diameter | 5.4mm |
| Cable Color | Fluorescent gray |
| Cable Meter Marking | Waterproof Yellow Text |
| Velcro | P-shaped 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 |
| Supported Resolutions | 3840 x 2160@60Hz |
| Clock Bandwidth | 600MHz*3 |
| 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: $\geq 10M\Omega$ |
| Impedance Test (Continuity) | On-resistance: $\leq 2\Omega$ |
| Tensile Strength | $\leq 200N$ |
| Bending Angle | 135° |
| Operating Temperature | -30℃ ~75℃ |

Dimensional drawing



- Connector Dimensions(HDMI) 67.4*20.8*20.3mm
- Connector Dimensions(TypeC) 42.2*14.8*8.9mm
- Bag Size 37* 29cm
- Carton Size 46 * 33 * 26cm