

**EVN**

— electronic components GmbH —

MEDIA TECHNOLOGY



# HDMI Adapter Ring

Control • Signal Management • Cable Solutions • Connect • Install • Customizing



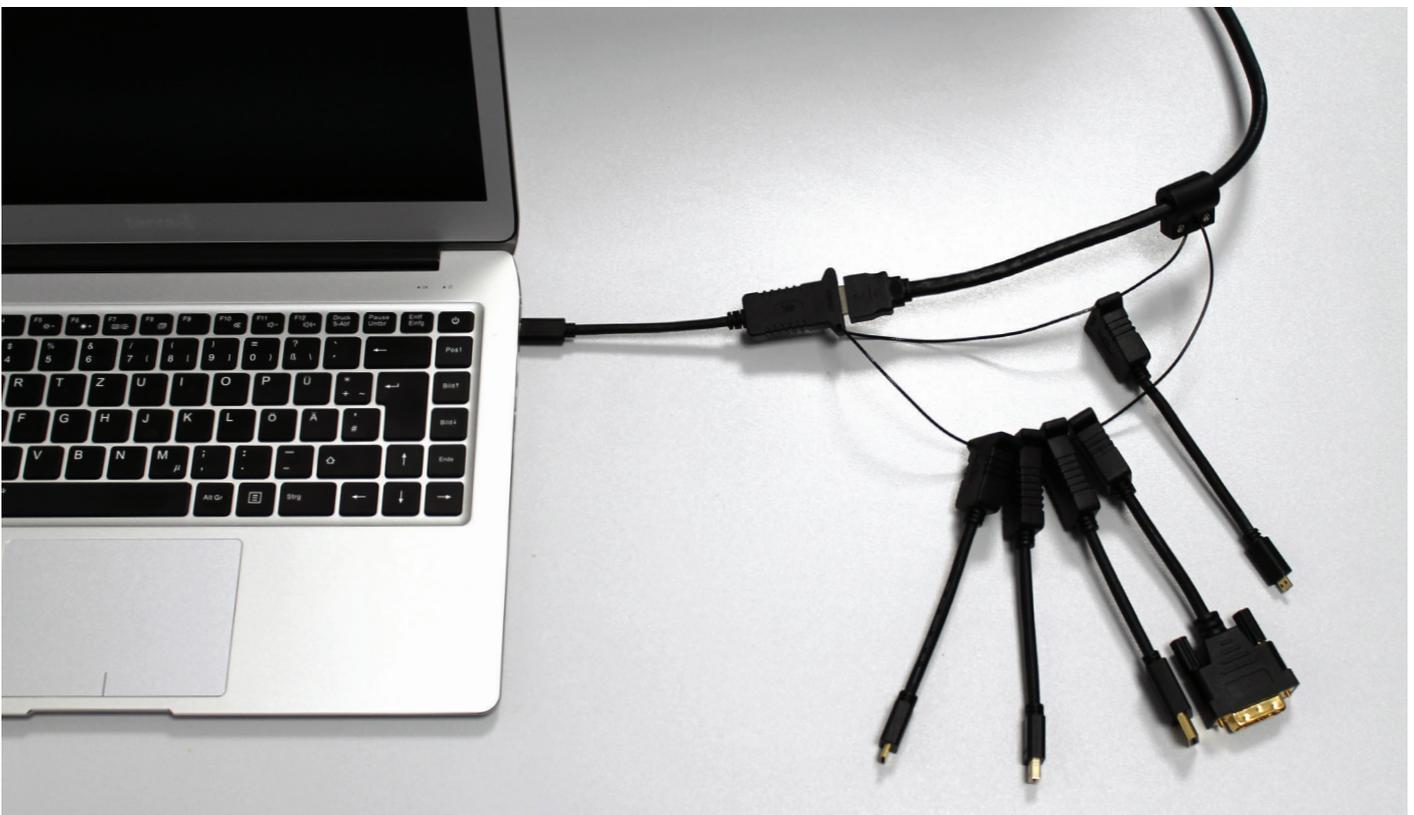
ISO 9001:2015  
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Most conference solutions provide 1 or 2 interfaces. These are mostly for HDMI (digital image signals) and VGA (analog image signals). However, modern mobile devices do not always have a corresponding interface. This is partly due to licensing reasons with HDMI vers. DisplayPort or also space reasons e.g. with Micro-HDMI or USB-C. So you need a lot of adapters, but unfortunately they are not always at hand when you need them.

The patented adapter ring series was developed to adapt flexibly and quickly to a presentation place, conference table, workstation, etc., to bring the contents of mobile devices to a display.

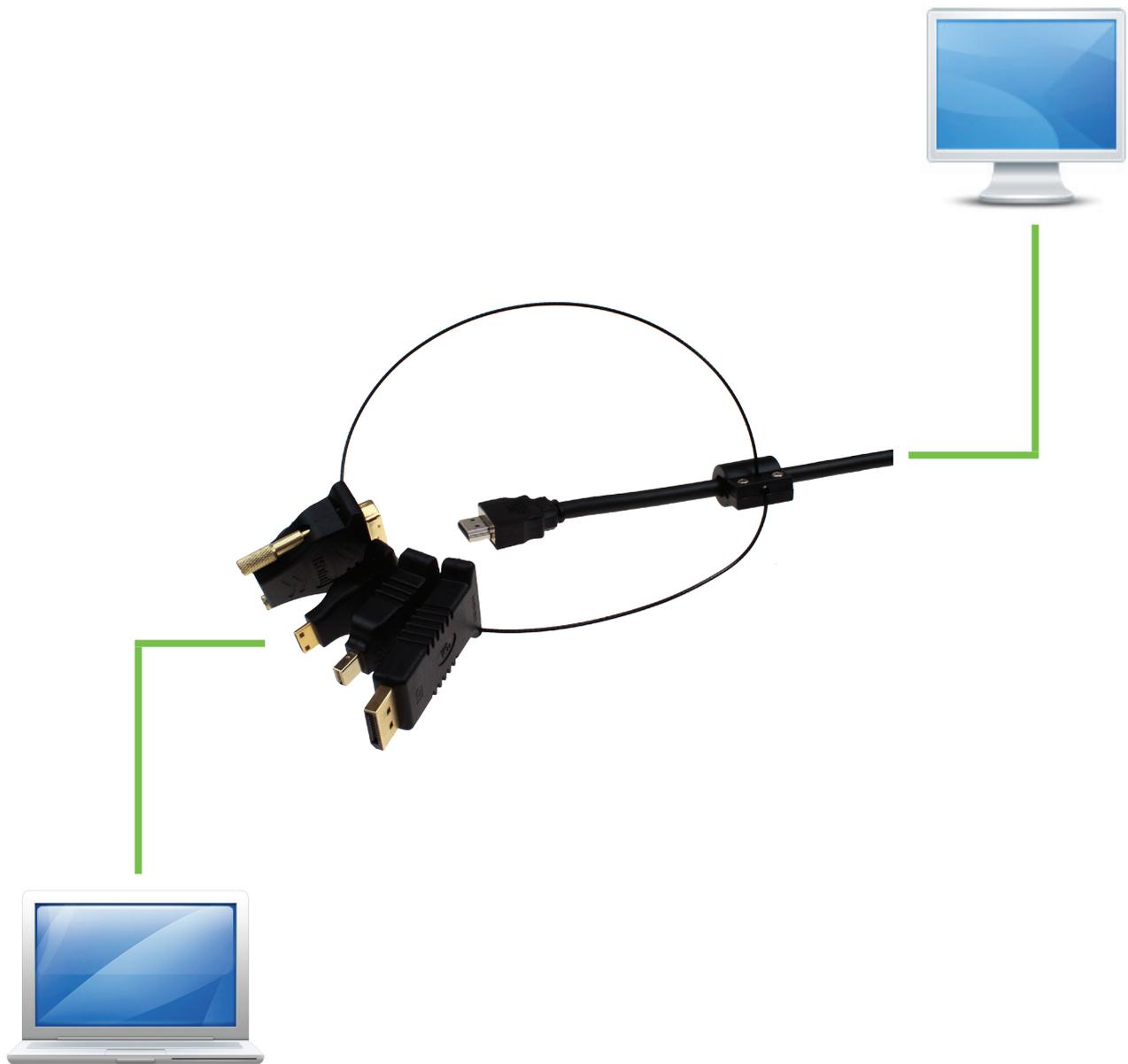
### Features of the adapter rings:

- Fixed connection of HDMI adapters on one connection cable
- Adapter available in 1080P or 4K resolution
- Adapter available in short version or with short cable
- Retrofitting of further adapters possible with little effort
- Additional clamp for further adapters available (e.g. Lightning)
- High-quality adapters with integrated converter electronics
- Suitable tools available as a set
- Pendant with customer label possible on request



## What is an adapter ring?

The adapter ring firmly connects a thin steel cable with a clamp to an HDMI cable which is provided e.g. as a cable pull-out at your presentation port. All desired adapters are threaded onto this steel cable and therefore cannot be lost. The adapter rings can be retrofitted with little effort if required. All adapters of this series are manufactured in high quality, adapters with system change have one board with the corresponding chips of the latest generation. Depending on the version, resolutions up to 4K@60Hz can be transmitted. The adapters always have a HDMI type A socket and adapt them accordingly to another system.



## Adapter short

	<p><b>Partnumber: CK-ADR-A01-4K</b>                  Adapter Ring with Security Clamp for HDMI cable, 2 Adapter, Resolution 4K60P</p> <ol style="list-style-type: none"> <li>1. HDMI female Type A to DisplayPort male</li> <li>2. HDMI female Type A to mini-DisplayPort male</li> </ol>
	<p><b>Partnumber: CK-ADR-A02-4K</b>                  Adapter Ring with Security Clamp for HDMI cable, 4 Adapter, Resolution 4K60P</p> <ol style="list-style-type: none"> <li>1. HDMI female Type A to DisplayPort male</li> <li>2. HDMI female Type A to mini-DisplayPort male</li> <li>3. HDMI female type A to HDMI male Type C (miniHDMI)</li> <li>4. HDMI female type A to HDMI male Type D (micro HDMI)</li> </ol>
	<p><b>Partnumber: CK-ADR-A03-4K</b>                  Adaptor Ring with Security Clamp for HDMI cable, 3 Adapter, Resolution 4K60P</p> <ol style="list-style-type: none"> <li>1. HDMI A female to DisplayPort male</li> <li>2. HDMI A female to mini-DP male</li> <li>3. HDMI A female to USB-C male (only Pigtail version available)</li> </ol>
	<p><b>Partnumber: CK-ADR-A04-4K</b>                  Adapter Ring with Security Clamp for HDMI cable, 5 Adapter, Resolution 4K60P</p> <ol style="list-style-type: none"> <li>1. HDMI female Type A to DisplayPort male</li> <li>2. HDMI female Type A to mini-DisplayPort male</li> <li>3. HDMI female type A to HDMI male type C (mini HDMI)</li> <li>4. HDMI female type A to HDMI male type D (micro HDMI)</li> <li>5. HDMI female type A to DVI male Single-Link 18+1 (DVI adapter only with resolution 1080P)</li> </ol>
	<p><b>Partnumber: CK-ADR-A05-4K</b>                  Adapter Ring with Security Clamp for HDMI cable, 5 Adapter, Resolution 1080P</p> <ol style="list-style-type: none"> <li>1. HDMI female Type A to DisplayPort male</li> <li>2. HDMI female Type A to mini-DisplayPort male</li> <li>3. HDMI female type A to HDMI male type C (mini HDMI)</li> <li>4. HDMI female type A to HDMI male type D (micro HDMI)</li> <li>5. HDMI female type A to USB-C male (only Pigtail version available)</li> </ol>

## Adapter short

	<p><b>Partnumber: CK-ADR-A07-4K</b>                  Adapter Ring with Security Clamp for HDMI cable, 6 Adapter, Resolution 4K60P</p> <ol style="list-style-type: none"> <li>1. HDMI female Type A to DisplayPort male</li> <li>2. HDMI female Type A to mini-DisplayPort male</li> <li>3. HDMI female type A to HDMI male type C (mini HDMI)</li> <li>4. HDMI female type A to USB-C male (only Pigtail version available)</li> </ol>
	<p><b>Partnumber: CK-ADR-A08-4K</b>                  Adapter Ring with Security Clamp for HDMI cable, 6 Adapter, Resolution 4K60P</p> <ol style="list-style-type: none"> <li>1. HDMI female Type A to DisplayPort male</li> <li>2. HDMI female Type A to mini-DisplayPort male</li> <li>3. HDMI female type A to HDMI male type C (mini HDMI)</li> <li>4. HDMI female type A to HDMI male type D (micro HDMI)</li> <li>5. HDMI female type A to DVI male Single-Link 18+1 (DVI only 1080P resolution)</li> <li>6. HDMI female type A to USB-C male (only Pigtail version available)</li> </ol>

## Adapter with cable 0.15m

	<p><b>Partnumber: CK-ADR-P01-4K</b>                  Adapter Ring with Security Clamp for HDMI cable, 2 Adapter with 15cm length, Resolution 4K60P</p> <ol style="list-style-type: none"> <li>1. HDMI female type A to DisplayPort male</li> <li>2. HDMI female type A to mini DisplayPort male</li> </ol>
	<p><b>Partnumber: CK-ADR-P02-4K</b>                  Adapter Ring with Security Clamp for HDMI cable, 4 Adapter with 15cm length, Resolution 4K60P</p> <ol style="list-style-type: none"> <li>1. HDMI female type A to DisplayPort male</li> <li>2. HDMI female type A to mini DisplayPort male</li> <li>3. HDMI female type A to HDMI male type C (mini HDMI)</li> <li>4. HDMI female type A to HDMI male type D (micro HDMI)</li> </ol>
	<p><b>Partnumber: CK-ADR-P03-4K</b>                  Adapter Ring with Security Clamp for HDMI cable, 3 Adapter with 15cm length, Resolution 4K60P</p> <ol style="list-style-type: none"> <li>1. HDMI female type A to DisplayPort male</li> <li>2. HDMI female type A to mini DisplayPort male</li> <li>3. HDMI female type A to USB-C male</li> </ol>

## Adapter with cable 0.15m

	<p><b>Partnumber: CK-ADR-P04-4K</b>                  Adapter Ring with Security Clamp for HDMI cable, 5 Adapter with 15cm length, Resolution 4K60P</p> <ol style="list-style-type: none"> <li>1. HDMI female type A to DisplayPort male</li> <li>2. HDMI female type A to mini DisplayPort male</li> <li>3. HDMI female type A to HDMI male type C (mini HDMI)</li> <li>4. HDMI female type A to HDMI male type D (micro HDMI)</li> <li>5. HDMI female type A to DVI male single link 18+1 (Resolution only 1080P)</li> </ol>
	<p><b>Partnumber: CK-ADR-P05-4K</b>                  Adapter Ring with Security Clamp for HDMI cable, 5 Adapter with 15cm length, Resolution 4K60P</p> <ol style="list-style-type: none"> <li>1. HDMI female type A to DisplayPort male</li> <li>2. HDMI female type A to mini DisplayPort male</li> <li>3. HDMI female type A to HDMI male type C (mini HDMI)</li> <li>4. HDMI female type A to HDMI male type D (micro HDMI)</li> <li>5. HDMI female type A to USB-C male</li> </ol>
	<p><b>Partnumber: CK-ADR-P06-4K</b>                  Adapter Ring with Security Clamp for HDMI cable, 2 Adapter with 15cm length, Resolution 4K60P</p> <ol style="list-style-type: none"> <li>1. HDMI female type A to mini DisplayPort male</li> <li>2. HDMI female type A to USB-C male</li> </ol>
	<p><b>Partnumber: CK-ADR-P07-4K</b>                  Adapter Ring with Security Clamp for HDMI cable, 4 Adapter with 15cm length, Resolution 4K60P</p> <ol style="list-style-type: none"> <li>1. HDMI female type A to DisplayPort male</li> <li>2. HDMI female type A to mini DisplayPort male</li> <li>3. HDMI female type A to HDMI male type C (mini HDMI)</li> <li>4. HDMI female type A to USB-C male</li> </ol>
	<p><b>Partnumber: CK-ADR-P08-4K</b>                  Adapter Ring with Security Clamp for HDMI cable, 6 Adapter with 15cm length, Resolution 4K60P</p> <ol style="list-style-type: none"> <li>1. HDMI female type A to DisplayPort male</li> <li>2. HDMI female type A to mini DisplayPort male</li> <li>3. HDMI female type A to HDMI male type C (mini HDMI)</li> <li>4. HDMI female type A to HDMI male type D (micro HDMI)</li> <li>5. HDMI female type A to DVI male single link 18+1 (Resolution only 1080P)</li> <li>6. HDMI female type A to USB-C male</li> </ol>

All adapters also available with 1080P resolution

### Accessories



**Partnumber: CK-ADRPT**

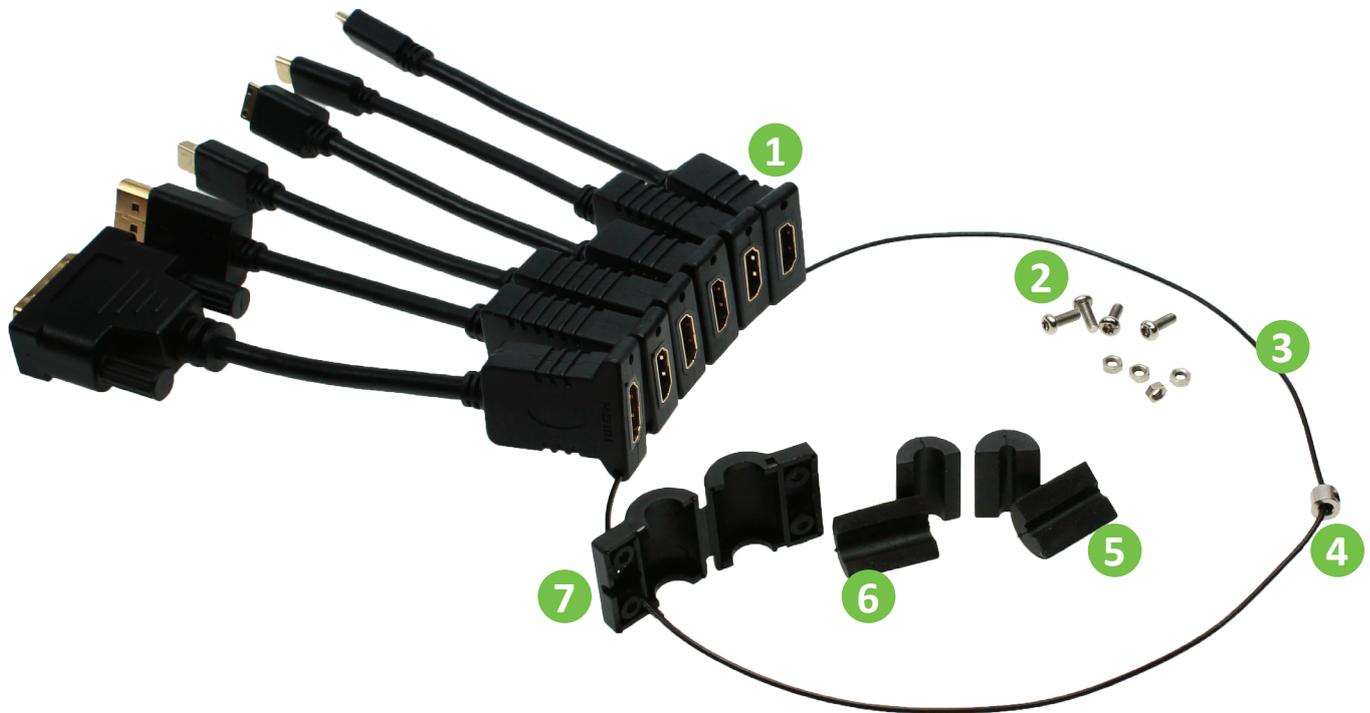
Accessories for adapter ring:  
T-10 Torx Screwdriver and 1.5mm Hex Wrench



**Partnumber: CK-ADRP-WH**

Adapter Clamp for adapter ring, for additional cable adapters, e.g. Apple adapters

The following is included with an adapter ring (depending on configuration):



- 1 Various adapters (depending on version)
- 2 Screws and nuts
- 3 Wire ring
- 4 Wire connectors
- 5 Rubber insert for HDMI cable  $\varnothing$  5mm
- 6 Rubber insert for HDMI cable  $\varnothing$  9mm
- 7 HDMI cable clip

Note:

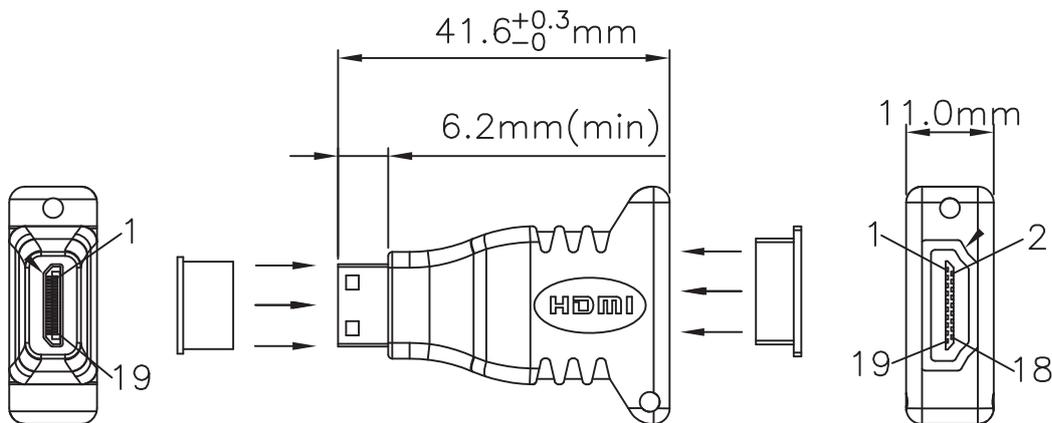
To mount the adapter ring to an HDMI cable you need a T-10 Torx screwdriver. To remove or add an adapter you need a 1.5mm Hex Wrench. Both are not included in our adapter rings, but are available as accessories.

Adapter short



**Partnumber: CK-ADRA-C-4K**  
 Adapter for Adapter ring HDMI-C 4K

CONTINUITY TESTING:  
 SIGNAL SOURCE RESOLUTION 3840X2160P/60HZ  
 INSULATION RESISTANCE: 10M  $\Omega$  (MIN.)  
 CONDUCTIVE RESISTANCE: 1.0  $\Omega$  (MAX.)



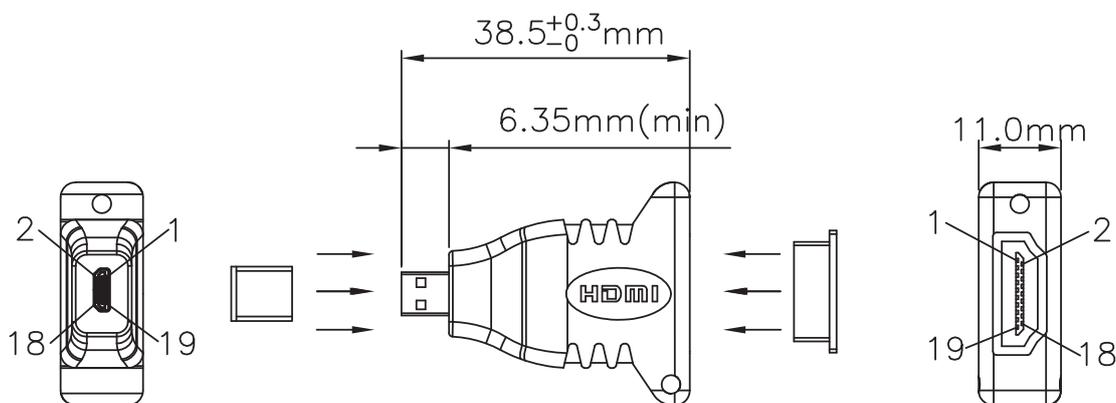
HDMI C 19M

HDMI A 19F



**Partnumber: CK-ADRA-D-4K**  
 Adapter for Adapter ring HDMI-D 4K

CONTINUITY TESTING:  
 SIGNAL SOURCE RESOLUTION 3840X2160P/60HZ  
 INSULATION RESISTANCE: 10M  $\Omega$  (MIN.)  
 CONDUCTIVE RESISTANCE: 1.0  $\Omega$  (MAX.)



HDMI D 19M

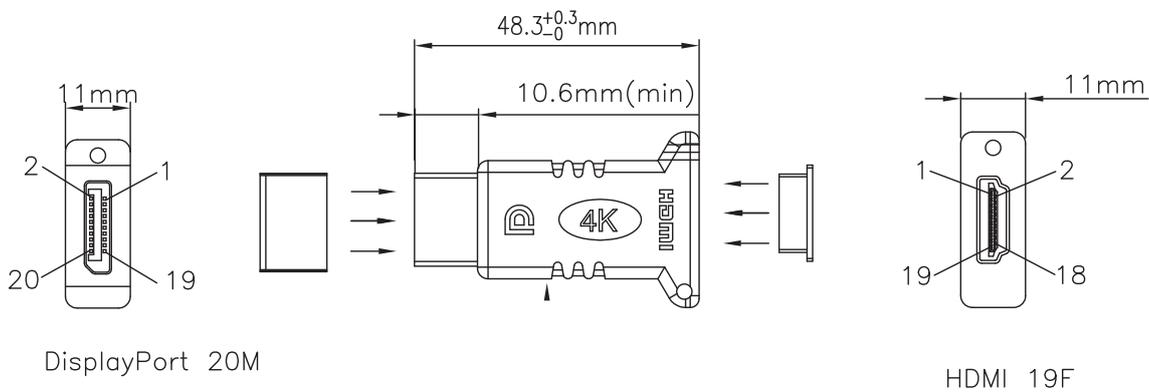
HDMI A 19F

Adapter short



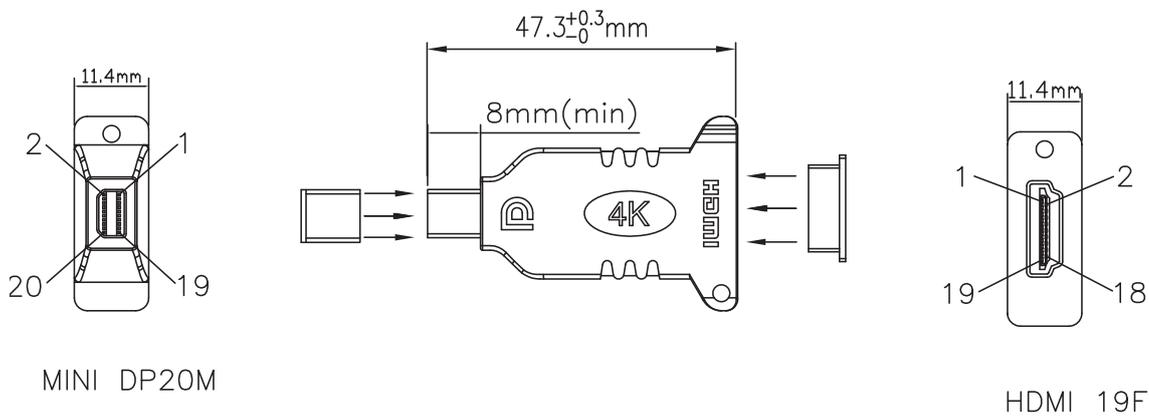
**Partnumber: CK-ADRA-DP-4K**  
 Adapter for Adapter ring DisplayPort 4k

SIGNAL SOURCE RESOLUTION 3840X2160P/60HZ



**Partnumber: CK-ADRA-MDP-4K**  
 Adapter for Adapter ring mini DisplayPort 4K

SIGNAL SOURCE RESOLUTION 3840X2160P/60HZ



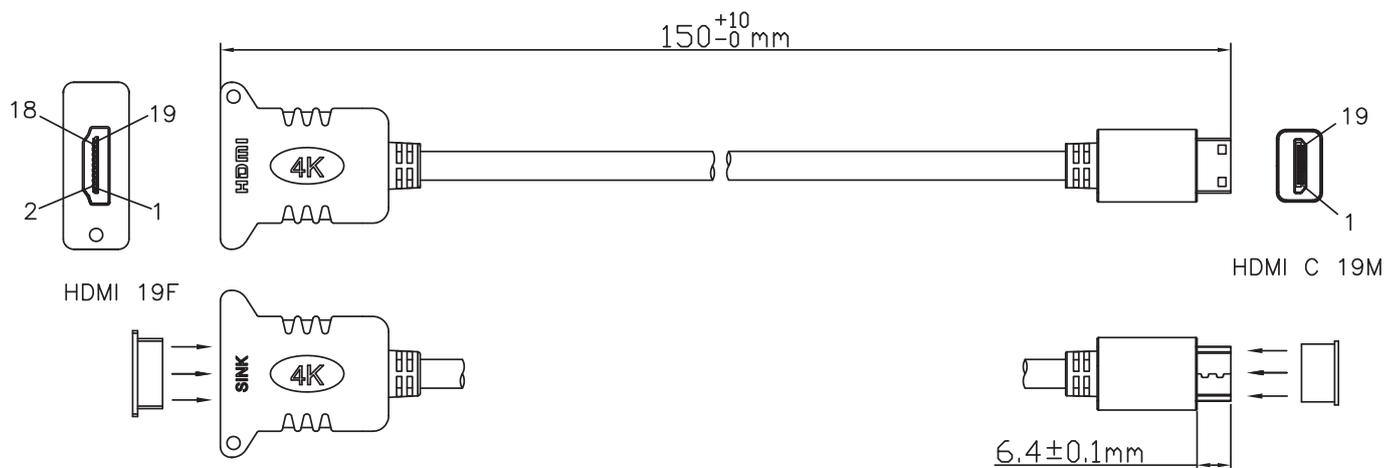
Adapter with cable 0.15m



**Partnumber: CK-ADRP-C-4K**

Adapter with short cable for adapter ring HDMI-C 4K

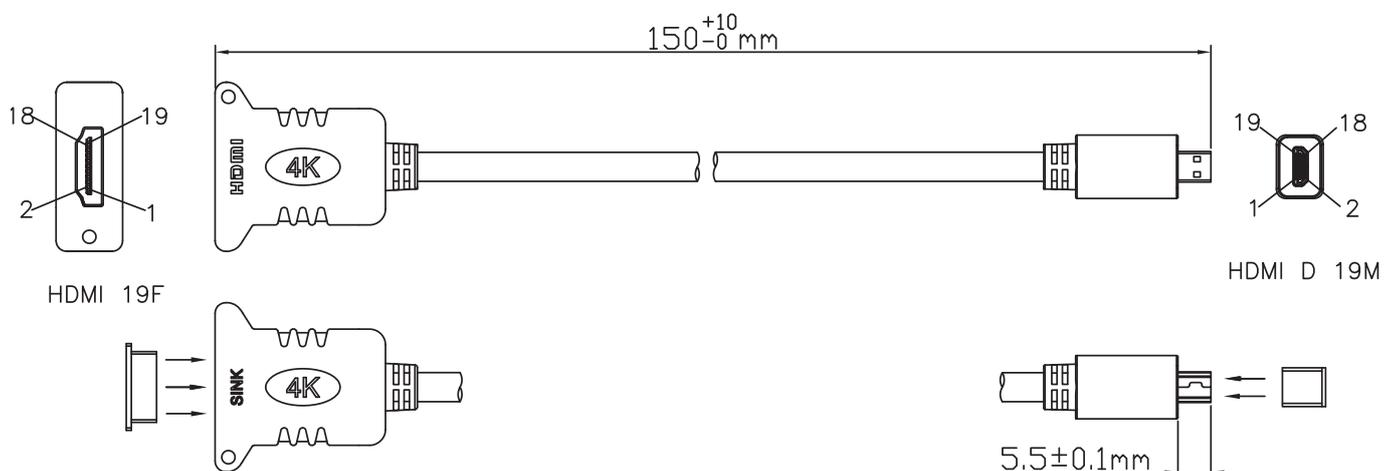
CONTINUITY TESTING:  
 SIGNAL SOURCE RESOLUTION 3840X2160P/60HZ  
 INSULATION RESISTANCE: 10M Ω  
 CONDUCTIVE RESISTANCE: 2.0 Ω



**Partnumber: CK-ADRP-D-4K**

Adapter with short cable for adapter ring HDMI-D 4K

CONTINUITY TESTING:  
 SIGNAL SOURCE RESOLUTION 3840X2160P/60HZ  
 INSULATION RESISTANCE: 10M Ω  
 CONDUCTIVE RESISTANCE: 2.0 Ω



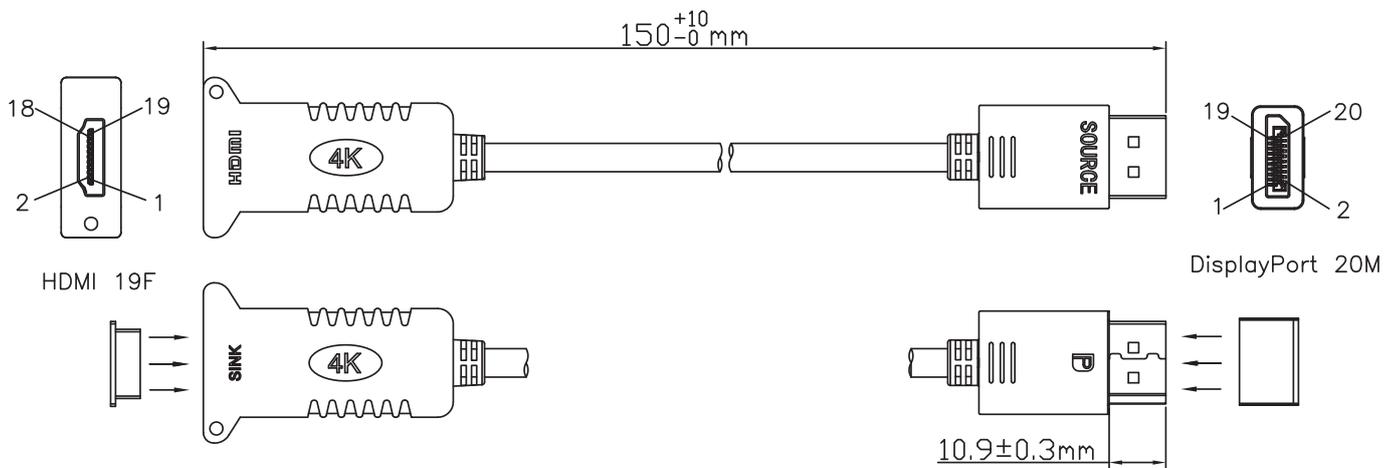
Adapter with cable 0.15m



**Partnumber: CK-ADRP-DP-4K**

Adapter with short cable for adapter ring DisplayPort 4k

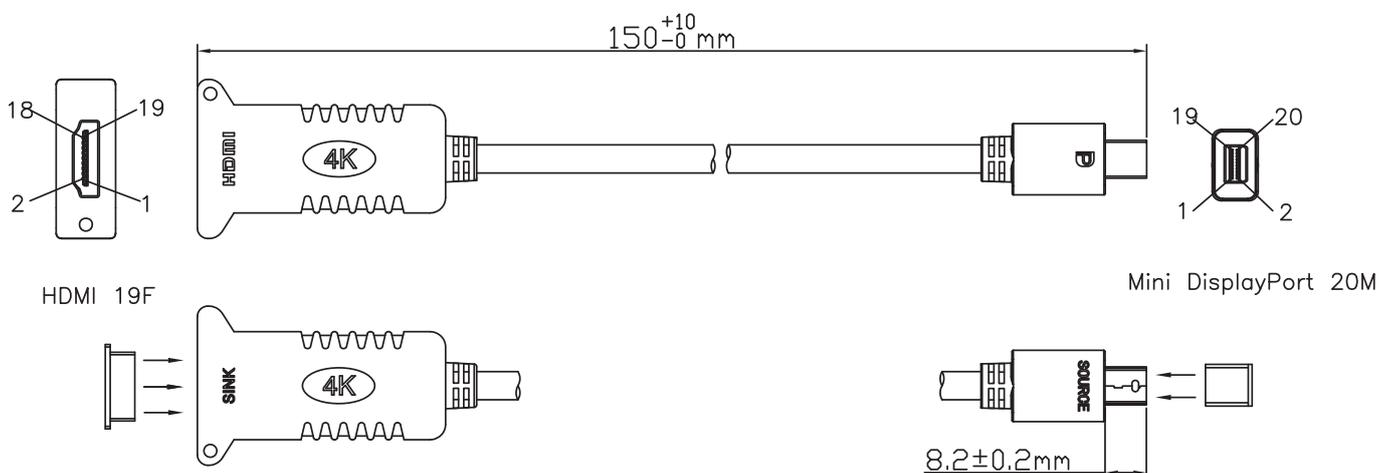
SIGNAL SOURCE RESOLUTION 3840X2160P/60HZ



**Partnumber: CK-ADRP-MDP-4K**

Adapter with short cable for adapter ring mini DisplayPort 4K

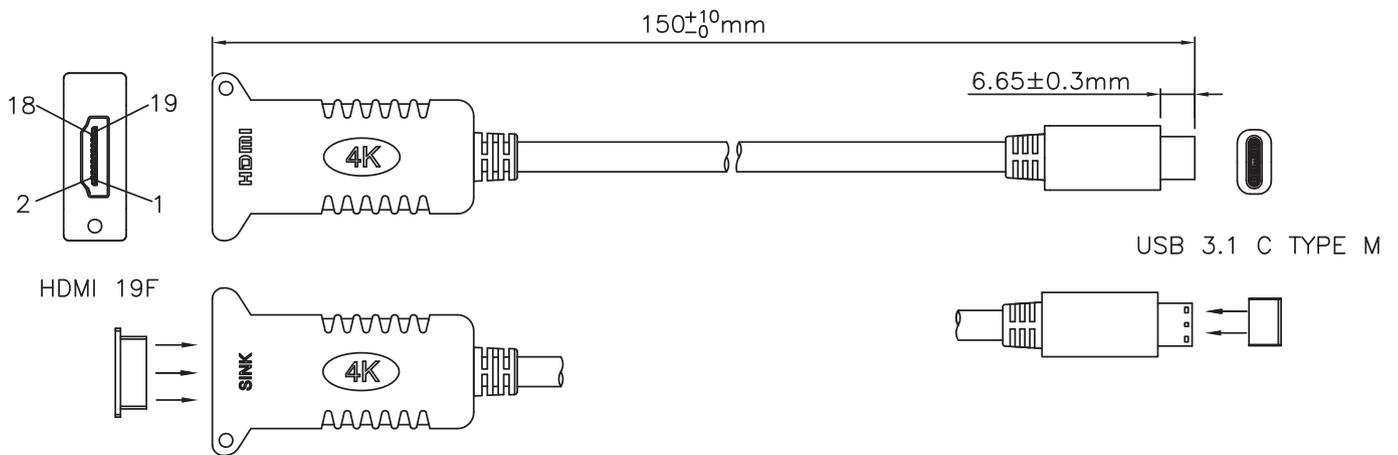
SIGNAL SOURCE RESOLUTION 3840X2160P/60HZ



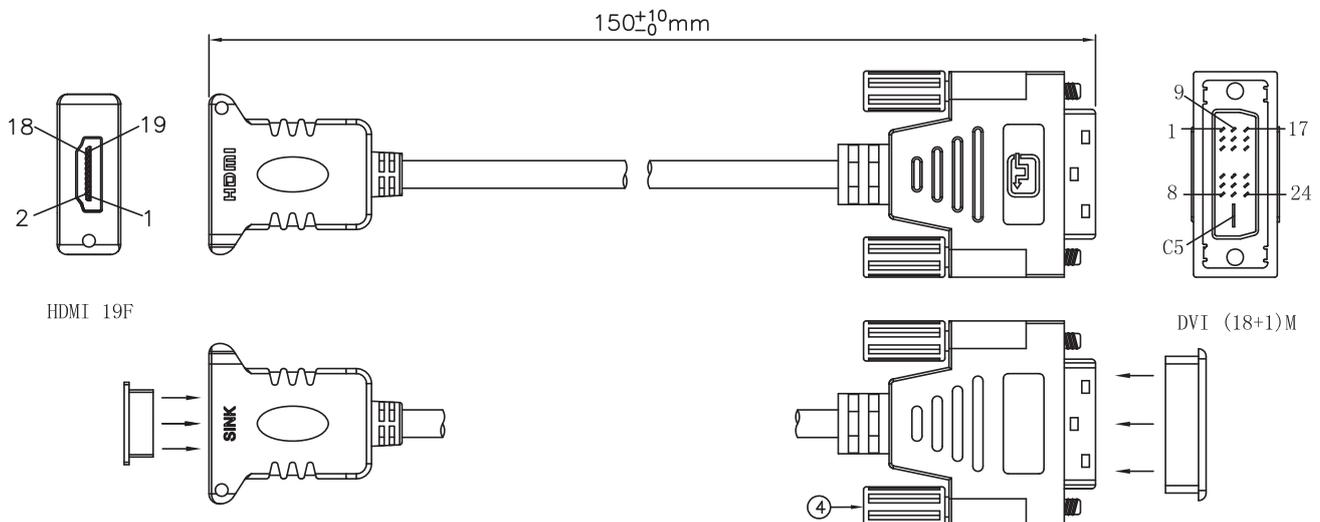
Adapter with cable 0.15m



**Partnumber: CK-ADRP-UC-4K**  
 Adapter with short cable for adapter ring USB-C 4K  
 SIGNAL SOURCE RESOLUTION 3840X2160P/60HZ



**Partnumber: CK-ADRP-DVI**  
 Adapter with short cable for adapter ring DVI 1080P  
 CONTINUITY TESTING: DC300V/10mS  
 INSULATION RESISTANCE: 10M Ω  
 CONDUCTIVE RESISTANCE: 2.0 Ω



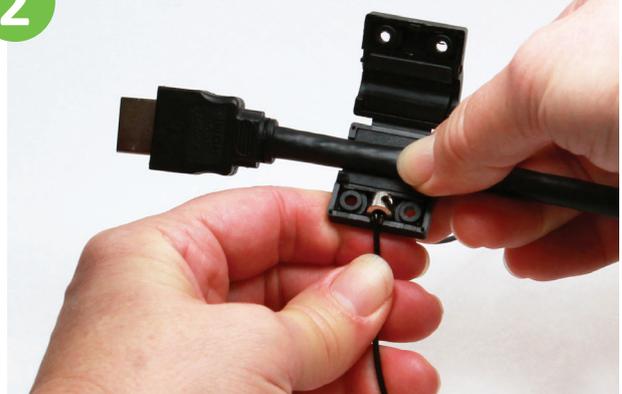
## Mounting on a HDMI cable

1



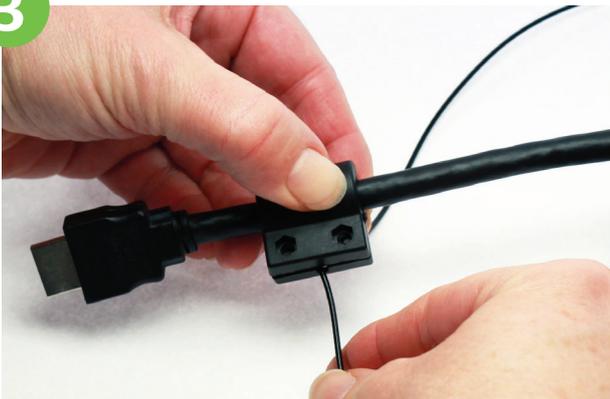
Determine the diameter of the HDMI cable and place the appropriate rubber insert in the clamp.

2



Place the wire connector in the cavity of the clamp.

3



Close the clamp.  
*Tip: Bend both exiting wires straight down when closing, to allow correct positioning of the wire connector.*

4



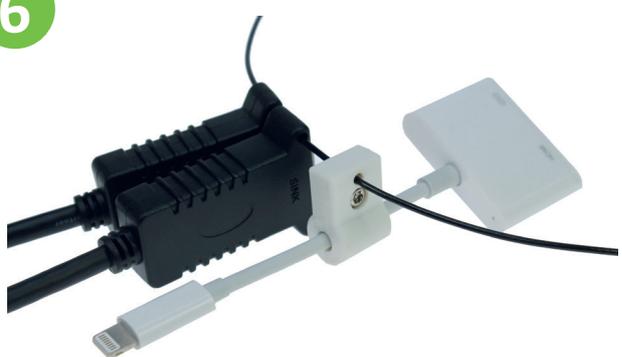
Hold the clamp with your finger, turn it around and tighten it with the screws provided.

5



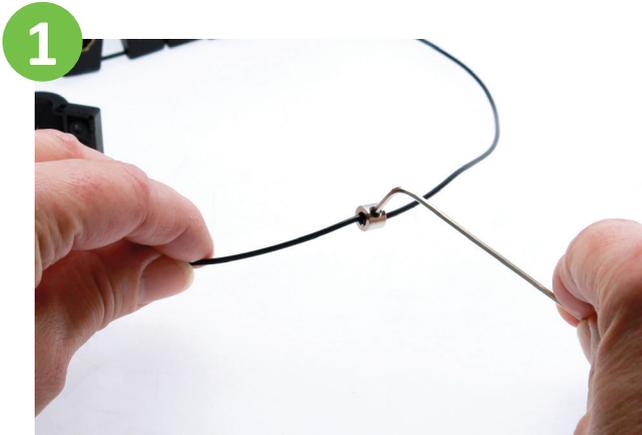
Hold the clamp with your finger, turn it around and tighten it with the provided screws.

6



With the additional clamp, further adapters e.g. Apple Lightning adapters can be attached.  
(Partnumber.: CK-ADRP-WH)

## Retrofitting or changing adapters



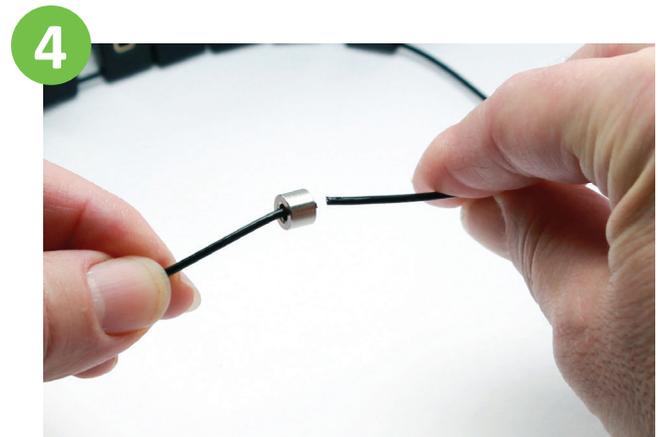
Use the 1.5 mm Hex wrench to screw the black screw of the wire connector halfway up.



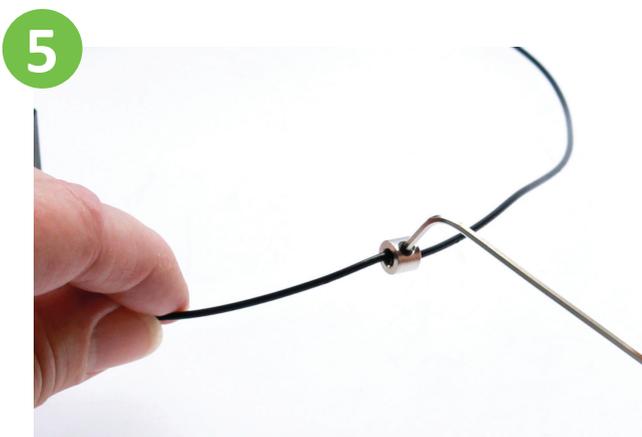
Carefully pull the two ends of the wire out of the connector.



Remove or add desired adapter.



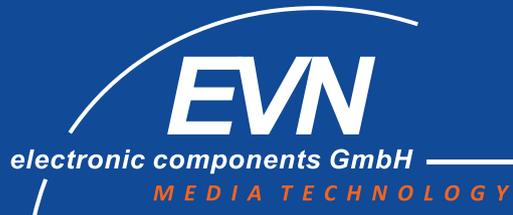
Guide the two wire ends back into the wire connector.



Tighten the black screw of the wire connector with the 1.5mm Hex wrench.



Mount on the HDMI cable as described in the mounting instructions on the previous page.



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Subject to technical changes.