

## HDMI A male - HDMI A male/HDMI D (Micro-HDMI) male - Active optical - Fixed and detachable connector

### Highlights:

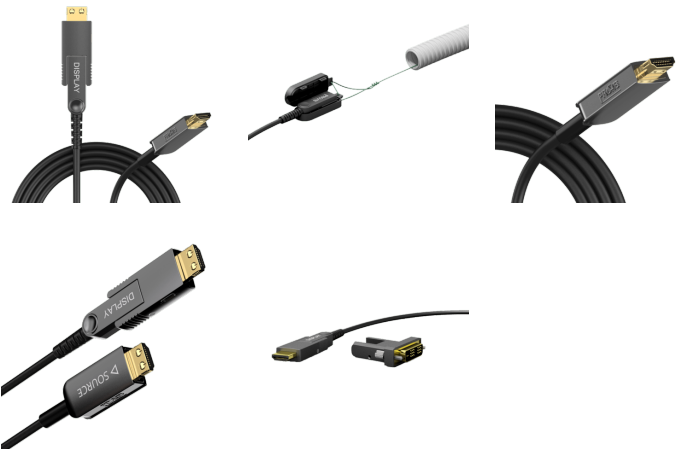
- Supports up to ultra HD 4K 2160p (4096 x 2160) 4:4:4 at 60 Hz
- Flexible outer jacket
- HDMI 2.0 compliant
- Fiber optic technology
- Exchangeable connectors
- Multi-purpose connections (HDMI and micro-HDMI [Display side])
- HDMI ARC up to 50 meter

### Product information:

The CLV215A is an active optical HDMI 2.0 cable aimed for fixed installations. It is able to transmit resolutions up to ultra HD 4K 2160p (4096 x 2160) at 60 Hz with a bandwidth of 18Gbps via OM3 fiber optical fiber technology, eliminating the possibility of electronic interference. The fixed and detachable HDMI connector enables you to easily detach and reattach this connector. This way the cable can be fitted through holes and straight tubes with diameters as small as 25 mm.

The CLV215A comes with a USB A to USB Micro B cable included, which is an accessory only required when the HDMI port on the transmitter side is delivering insufficient voltage (typically required when  $\leq 4.8$  V) for powering the receiver end. The power is transferred from transmitter end to receiver end over the CLV215A cable.

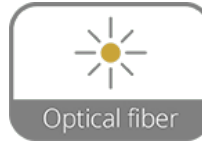
Most general HDMI sources deliver sufficient voltage making the additional cable unnecessary. However typical applications where it might be required are e.g. streaming media player boxes, which might deliver insufficient voltage over their HDMI output.



### Certification:



## Properties:



## Product Features:

|             |          |  |
|-------------|----------|--|
| Series      |          | Classic Series                           |
| Application |          | AV & IT                                  |
| Accessories | Included | COP110                                   |
|             |          | Screwdriver                              |
|             |          | Pulling capsule case                     |
|             |          | USB power cord (Optional use on RX side) |
|             | Optional | COP140                                   |

## Physical Characteristics:

|                          |                           |                                       |
|--------------------------|---------------------------|---------------------------------------|
| Outer jacket             | Colours                   | Black                                 |
| Inner conductor          | Section                   | 0.000078 "²                           |
|                          |                           | 0.00012 "²                            |
|                          |                           | 0.00022 "²                            |
|                          |                           | 0.00039 "²                            |
| Number of conductors     |                           | 12                                    |
| Insulation               | Material                  | PE 0.9 mm (Ø)                         |
|                          |                           | PE 1 mm (Ø)                           |
| Material                 | TC 11 x 0.08 mm (Ø) (OFC) |                                       |
|                          | TC 19 x 0.08 mm (Ø) (OFC) |                                       |
|                          | TC 30 x 0.08 mm (Ø) (OFC) |                                       |
|                          | TC 41 x 0.08 mm (Ø) (OFC) |                                       |
| Shielding                | Aluminium foil            | Al-mylar, 100% coverage - 25% Overlap |
|                          | Drain wire                | TC 11 x 0.08 mm (Ø) (OFC)             |
| Overall shielding        | Aluminium foil            | Al-mylar, 100% coverage - 25% Overlap |
| Outer jacket             | Material                  | LSHF 4.5 mm (Ø)                       |
| Inner conductor          | Conductor twisting        | Yes                                   |
|                          | Material                  | 50/125 OM3 / Fiber (4x)               |
| Strength test            | Bending radius            | 0.79 "                                |
|                          | Tensile strength test     | 55.12 lb                              |
|                          | Connector bending test    | > 10000 cycles                        |
|                          | Connector pull out force  | 4.41 lb                               |
| Pulling capsule diameter |                           | 0.91 " (recommended conduit 1.26 ")   |

## Mechanical Characteristics:

Temperature range Fixed installation - 0 °C till + 75 °C

## Variants:

- CLV215A/10 - 10 meter
- CLV215A/15 - 15 meter
- CLV215A/20 - 20 meter
- CLV215A/30 - 30 meter
- CLV215A/40 - 40 meter