MIXO HDMI MODULE
CX 01 MIF /MIM
CW 2 MIAM /MIAF PATCH CORDS

MIXO HDMI module

for high quality video signal transmission

EN/IEC 61984 ratings: 0,5 A   40 V   0,8 kV   3 CW

**2 MIAM /MIAF HDMI Type A patch cords (2 m)**

Find more information on our products at www.ilme.com

TECHNICAL FEATURES

CX 01 MIF /MIM

- **For high quality video signal transmission**, with **HDMI Type A** connectors (19-pole + shield).

- Supports **HDMI** HIGH-DEFINITION MULTIMEDIA INTERFACE 1.4 and 2.0 standards (HDMI = High Definition Multimedia Interface), full Ultra HD 4k@60 Hz, 4096x2160p resolution.

- **Supports Ethernet** up to and including 18Gb/s.

- Supports ARC (Audio Return Channel).

- EN/IEC 61984 ratings:
  0,5 A   40 V   0,8 kV   3

  NOTE – As a connector with extra-low voltage rating, it is out of the scope of the EU Low Voltage Directive 2014/35/EU and of the Russian equivalent Technical Regulation TR CU 004/2011, hence neither the CE marking nor the EAC mark are applicable.

- Lower and Upper Limiting Temperatures (LLT … ULT): -40 °C … +70 °C.

- Female HDMI module **CX 01 MIF** hosts a female/female PCB assembly with female HDMI Type A connector on both sides, to act as a coupler between two male terminated patch cords (one on the rear of this female module, one hosted in the male module adapter on the counterpart connector).

- Male HDMI module **CX 01 MIM** is an adapter able to host a patch cord terminated with HDMI Type A plugs of compact size, providing a latch to anchor the cable.

- It is mandatory to use the male module **CX 01 MIM** with **CW 2 MIAM** 2 m patch cord, provided with slim sized HDMI Type A male plug at both ends and dedicated cable clamp.

- It is mandatory to use the female module **CX 01 MIF** with **CW 2 MIAF** patch cord, twin to the **CW 2 MIAM**, but without cable clamp.

- Connection through pre-assembled (overmoulded) patch cords terminated with slim sized HDMI Type A plug connectors.

  NOTE – For other patch cord length please contact ILME commercial offices.

locking of the HDMI male plugs through a dedicated module
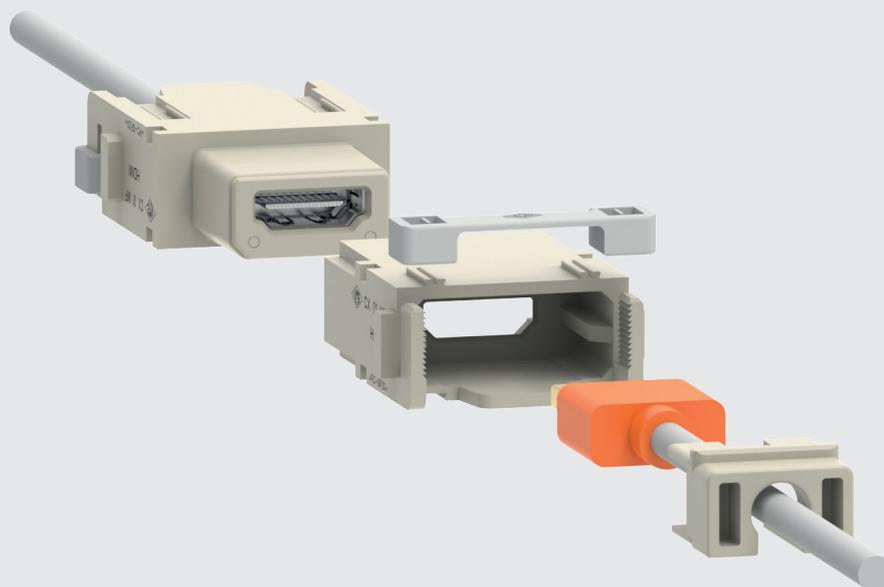
CX 01 MIF /MIM   HDMI Type A connector

The modular inserts must be installed in suitable frames which are then mounted in traditional housings or in COB panel support. Single-sized modular units may be directly mounted inside MIXO ONE enclosures.
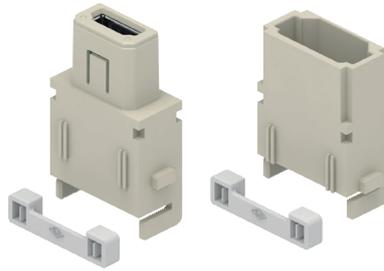
🔖 pages:

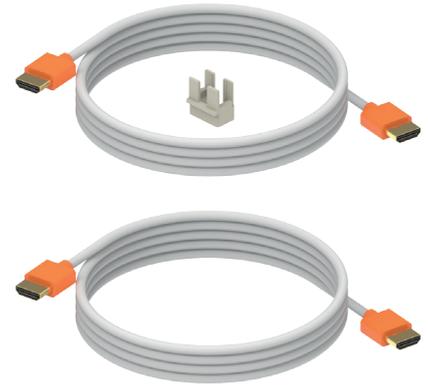frames for modular units   316 - 317

enclosures: see NOTE 1)

🔖 refer to CN.19 pages

HDMI Type A modular units, female-female connector module for male connector

HDMI Type A patch cords

description	part No.	part No.
female/female HDMI Type A connector module for male connector	**CX 01 MIF** **CX 01 MIM**	
patch cord 2 m for female module 2) patch cord 2 m with cable clamp for male module 3)		**CW 2 MIAF** **CW 2 MIAM**

1) NOTE
Due to the reduced electrical engagement length of the HDMI standard, it is needed to install these modules in enclosures combinations that allow to couple the two MIXO frames within 20,5 mm between the fixing points. Therefore we recommend to install them using the following enclosures:
- V-TYPE housings coupled with metal hoods
- T-TYPE enclosures with PE jumpers
- MIXO ONE enclosures
- COB

2) With the female module, **CX 01 MIF,** it is mandatory to use the **CW 2 MIAF** patch cord, twin of the CW 2 MIAM but without the cable clamp.

3) With the male module, **CX 01 MIM,** it is mandatory to use the **CW 2 MIAM** patch cord, supplied with a specific cable clamp, tailored to fit the outline of the HDMI connector.

See next page for the assembly instructions.

- characteristics according to EN/IEC 61984 ratings:
  0,5 A   40 V   0,8 kV   3
- cUL (UL for USA and Canada), CSA, DNV-GL, BV pending
- temperature range: from -40 °C to +70 °C
- for high quality video signal transmission, with HDMI Type A connectors (19-pole + shield)
- supports HDMI 1.4 and 2.0 standards (HDMI = High Definition Multimedia Interface), full Ultra HD 4k@60 Hz, 4096 x 2160p resolution
- supports Ethernet up to and including 18 Gb/s
- supports ARC (Audio Return Channel)

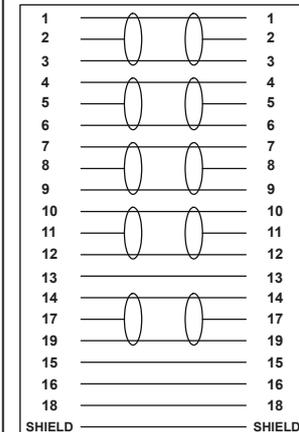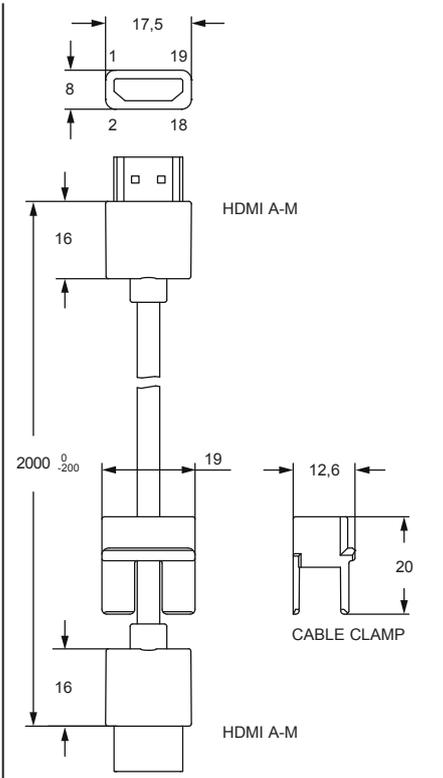🖋 we recommend the use of CRF / CRM code pins together with relevant MIXO frame
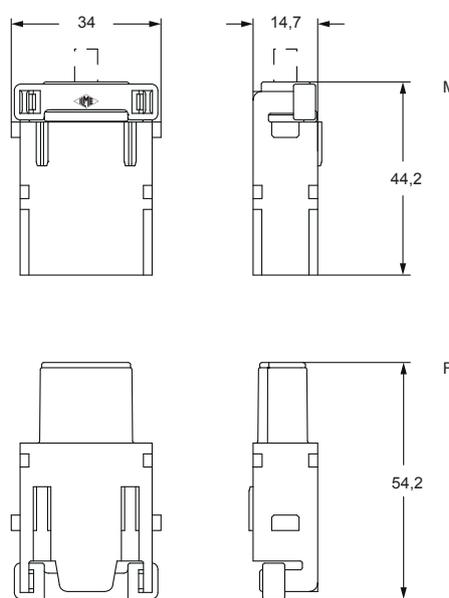
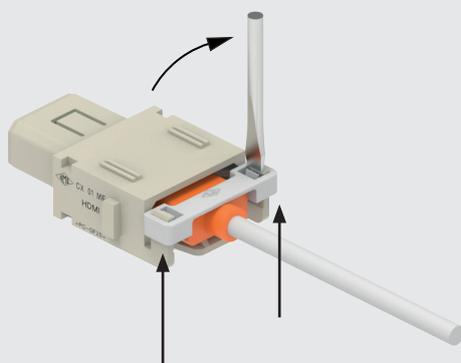contacts side (front view)

side with reference arrow ▲

- 1 frame slot

HDMI A-M

CABLE CLAMP

HDMI A-M
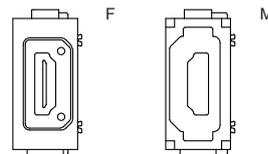
ASSEMBLY INSTRUCTIONS

FEMALE MODULE

TO FIX
CX 01 MIF   ❶

B

A

❷

TO REMOVE
CX 01 MIF

MALE MODULE

TO FIX
CX 01 MIM   ❶

C

A

B

❷

TO REMOVE
CX 01 MIM