HDMI 2.1 AOC 8K
Series EQ116

- HDMI 2.1 AOC 8K at 60Hz high speed connection.
  Optical Fiber conductors.
  Metal HDMI connector with golden pins.
  Black Colour.
- Extra thin cable Ø4.80 mm, with a durable and flexible jacket with a smaller diameter compared to traditional HDMI copper cables.
- Lengths from 5m to 70m. Suitable for applications that require to transmit the signal over long distances.

REFERENCES

Code	Length	Packaging
EQ 116005	5 m	Shrink-wrapped in a box
EQ 116010	10 m	Shrink-wrapped in a box
EQ 116015	15 m	Shrink-wrapped in a box
EQ 116020	20 m	Shrink-wrapped in a box
EQ 116025	25 m	Shrink-wrapped in a box
EQ 116030	30 m	Shrink-wrapped in a box
EQ 116040	40 m	Spool in box
EQ 116050	50 m	Spool in box
EQ 116070	70 m	Spool in box

DESCRIPTION

- High Speed HDMI 2.1 Active Optical Cable (AOC) uses optical fiber technology 4-channel multimode OM3 with additionally 7 copper conductors to carry the HDMI digital signal.
- HDMI 2.1 8K (7680 x 4320) high speed signal transmission up to 60 fps.
- Full 4:4:4 resolution without chroma subsampling for all lengths.
- Improved multimode OM3 Fiber Optic compared to the HDMI AOC 2.0 version to be able to work with the 48 Gbps bandwidth required by HDMI AOC 2.1 with minimal attenuation.
- The connector-mounted board and chipset are designed entirely differently from HDMI 2.0 to support the high bandwidth of HDMI 2.1.
- Regarding the HDMI AOC 2.0 version, the section has been increased from 30AWG to 26AWG for the copper conductor in charge of power supply (Pin 18) and thus ensure optimal operation. No need for external power supplies.
- Reduces the risk of EMI / RFI interference.
- Support to work with CEC, HEC, eARC, HDR, Dymamic HDR (HDR10+), HDR10, Dolby Vision, Dolby Atmos, DTS: X, HDCP 2.2 y 2.3, DTS-HD Master Audio, Dolby TrueHD technologies.
- Backwards compatible such as HDMI 2.0 and 1.4.
- Allows lengths of up to 70 meters.
- Unidirectional connection with "Source" connector for the transmitter and "Display" for the receiver.
- Lengths of 30 meters and longer include the signal equalizer "chipset" inside the connectors for compatibility with as many devices as possible.

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