INLINE® HDMI AOC CABLE

Ultra High Speed HDMI Cable, 8K4K

INLINE® HDMI AOC CABLE, ULTRA HIGH SPEED HDMI CABLE, 8K4K, BLACK

- Ultra HDMI 2.1 AOC connection cable
- Hybrid cable consisting of 4 glass fibre and 7 solid copper strands
- Directional signal cable: HDMI plug (source) to HDMI plug (display)
- Robust metal plugs, aramid protected and TPU coated cable, black
- Max. Data bandwidth: 48 Gb/s (12 Gb/s per channel)
- Supported resolutions: UHD-II 7680x4320/8K@60Hz - UHD-I 3840x2160/4K@120Hz 4:4:4 8/10-Bit
- Supports 3D, HDCP, EDID, CEC, DDC, Dynamic HDR, eARC, ARC and other HDMI specifications
- Gold-plated contacts
- Cable diameter only 4.8mm
- Operating temperature: 0°C to +50°C
- Storage temperature: -20°C to +70°C

HDMI 2.1:

This InLine HDMI 2.1 specification cable supports 8K video transmission at up to 60 frames per second or 4K at up to 120 frames per second. The even higher resolution enables, among other things, smoother gameplay and the reduction of motion blur, faster transmission of frames and lower latency as well as seamless switching between different video sources. The Enhanced Audio Return Channel (eARC) supports the transmission of lossless high-definition audio. This makes the InLine HDMI cable particularly suitable for home cinema systems, professional video editing studios or digital signage systems to reproduce content with outstanding detail and clarity.

Home cinema:

Connect your 8K home cinema components such as projectors, TVs, AV receivers and streaming boxes with the InLine HDMI cable and benefit not only from a higher resolution and more bandwidth, but also from uncompressed, high-resolution audio formats such as Dolby TrueHD and DTS-HD Master Audio for an immersive visual and acoustic cinema experience within your own four walls.

Gaming:

For gaming enthusiasts, the InLine cable offers the opportunity to experience games in impressive 8K resolution with incredibly clear graphics and smoother frame rates. This is particularly relevant for state-of-the-art PC gaming setups or gaming consoles such as the PlayStation 5 or Xbox Series X.

Business:

In professional production environments, such as film or graphic design studios, the InLine HDMI cable can be used to edit and play back high-resolution video and image content in real time. This enables precise colour reproduction and detail for demanding production requirements. In business environments, the InLine HDMI cable can be used to transmit presentations, graphics and multimedia content in 8K resolution to provide an impressive and high-quality visual display at conferences, meetings or events.

Streaming:

Users can enjoy content from 8K-capable streaming devices such as streaming players, IPTV receivers or media PCs in impressive 8K quality on their screens with the InLine HDMI cable.

Item No.	Length	EAN
17910I	10 m	4043718293537
17915I	15 m	4043718293544
17920I	20 m	4043718293551
17925I	25 m	4043718293568
17930I	30 m	4043718293575
17940I	40 m	4043718293582
17950I	50 m	4043718293599
17980I	80 m	4043718311378
17999I	100 m	4043718311385

AOC

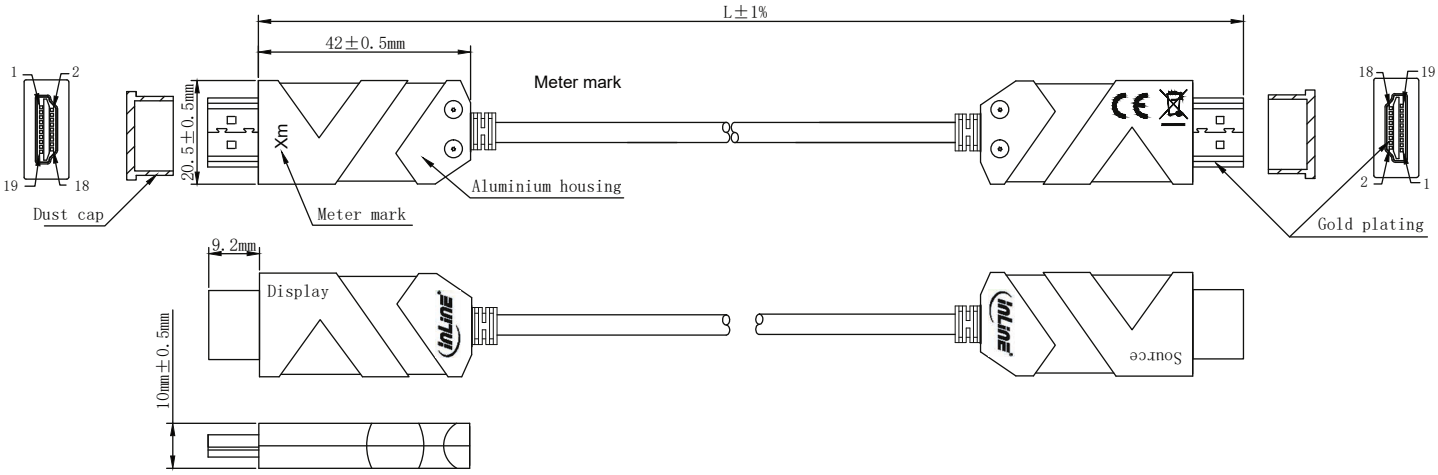
The InLine AOC HDMI cable is an active optical cable (AOC), i.e. it combines copper cables with fibre optic strands and thus combines the advantages of both transmission technologies. This reliable and high-performance solution is particularly suitable for high-quality audio and video transmissions over long distances and in demanding environments, e.g. for conference technology or digital signage. Thanks to the optical fibres inside the cable, the InLine AOC cable can bridge longer distances with less weight and greater flexibility without loss. This makes handling and installation easier compared to pure, often rigid copper cables. In addition, such a connection is less susceptible to electromagnetic interference.

Compared to pure fibre optic cables, the InLine AOC cable is more robust and less susceptible to damage. In addition, no external power supply is required to convert the light signal into an electrical signal. This means that the InLine AOC cable is often more compatible with HDMI devices than purely optical cables. The active electronic components can also additionally amplify the signal and improve transmission properties.

GOLD-PLATED CONTACTS

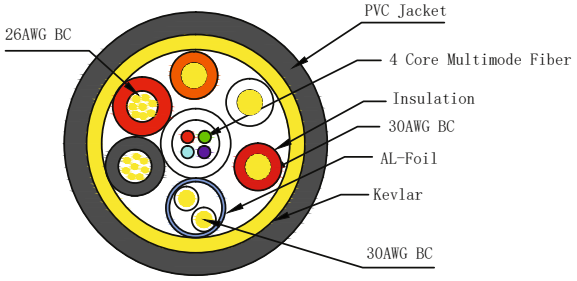
The gold-plated plugs improve the conductivity, durability and corrosion resistance of the InLine HDMI cable. The risk of oxidation or corrosion is significantly reduced. This increases the long-term reliability of the connection, e.g. even in environments with higher humidity. Gold-plated contacts adapt better to the connections and are less susceptible to abrasion and damage when plugging and unplugging. In addition, the higher conductivity can improve signal transmission and therefore picture and sound quality, especially over longer cable runs.

Technical data	
Active cable:	Yes
Article height:	1 cm
Article width:	2 cm
Brand:	InLine®
Colour:	Black
Complies with HDMI standard:	HDMI 2.1
Gold plated contacts:	Yes
Maximum HDTV resolution:	7680x4320 @60Hz
Maximum display resolution:	7680x4320 @60Hz
Operation temperature:	0 to +50 °C
Outer diameter:	5.0 mm
Side A:	HDMI A plug
Side B:	HDMI A plug
Signal:	Audio/Video
Storage temperature:	-20 to +70 °C
Type:	HDMI 2.1
Type of packaging:	Poly bag without Euro perforation
UL:	No
Variant:	AOC cable



NOTE:

1. Compliant TO HDMI 2.1 standard
2. Supports resolutions to 8K@60Hz,4K@120Hz 4:4:4 8bit or 10bit
3. Compatible with HDMI 2.0 standard(Supports 4K@60Hz 4K@30Hz)
4. Support 3D/HDCP2.2/EDID/HDR/eARC/ARC
5. Plug and Play
6. Hybrid optical cable with fiber and copper wire
7. Round cable Black PVC jacket OD:5.0±2.0mm
8. Raw cable Spec:(50/125um FIBER*4C+MID)*1+(1P*30#+D+AL)*1+3C*30#+2C*26#+F+D+AL
9. Operation temperature : 0℃-+50℃
   Storage temperature : -20℃-+70℃
10. ROHS 2.0 and REACH compliant
11. Cable Printing:Ultra High Speed HDMI™ Hybrid Fiber Optic Cable



If you have any further questions, please contact marketing@inline-info.com **www.inline-info.com/en/**

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