

HDMI ACTIVE OPTICAL CABLE

GENERAL

Active Optical Cable (AOC) is a cabling technology that accepts same electrical inputs as a traditional copper cable, but uses optical fiber between the connectors to extend HDMI signals with zero loss or latency. The AOC 100 meter (328 feet) HDMI2.1 cables with Ethernet are designed with premium craftsmanship to deliver Ultra HD with a super bandwidth of 48Gbps.

These latest specs from HDMI deliver uncompressed 8K resolutions with 32 audio channels for a multi dimensional immersive audio and up to 1536 kHz sample frequency to attain highest audio fidelity. It supports sub-sampling rates of 4:4:4, 4:2:2 & 4:2:0 YUV with deep color and HDR can be achieved when integrated with compatible HDMI2.1 devices (12bits). This AOC cable is resistant to EMI and RFI interference providing you with noise-free video and audio with less copper and more fiber optic.

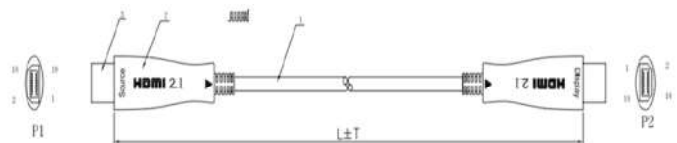


PRODUCT FEATURES

- Supports HDMI2.1, HDCP2.2
- Supports HEC, HDR, eARC, VRR, QMS, QFT, ALLM, DSC
- Supports 3D display, HDCP2.2 and HDR/ EDID
- Supports Dolby digital 7.1
- Supports video resolutions up to 8K@4320P 60Hz, 4K@2160P120Hz, 2K@1440P, FHD@1080P
- Supports standard 16:9 aspect ratio and wide angle up to 21:9
- Supports HDMI (version): v2.0a, v2.1, v1.4, v1.3, v1.2, v1.1
- Bandwidth up to 48Gbps
- Up to 1536 kHz audio sampling rate
- Plug and Play
- Gold-plated/ zinc-plated connectors, anti-oxidation nickel-plated contact tip
- Material PVC and cotton fiber

PRODUCT APPEARANCE & SIZE

- Item No.: AOC-2PPxxx
- Product length: From 1m to 100m (8K60Hz ≤50m; 4K120Hz ≤100m)
- Drawing and Dimensions



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