

ACT 20 meters HDMI Premium High Speed 4K Active Optical Cable v2.0 LSZH HDMI-A male - HDMI-A male (AK3890)

Model: AK3890

Manufacturer: ACT

EAN: 8716065580327

Product Code: 1692939

R3,105

The ACT AOC 4K HDMI v2.0 cable has been engineered with great care for use in the most sensitive environments where exceptional performance and reliability are must-haves. Made of copper and fiber, this AOC cable enables seamless connection over distances up to 100 meters without data loss. The Active Optical Cable is suited for the most sensitive applications thanks to its complete shielding, low RFI/EMI, and LSZH cable jacket. With a bandwidth of 18Gbps 4:4:4, it effortlessly handles 4K resolutions (3840x2160) at 60Hz. This premium cable also supports CEC, HDR, HDCP 2.2,

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EDID, HEC, ARC, multi-channel audio, Dolby True HD, and DTS-HD Master Audio - features that guarantee optimal performance in professional settings.

AOC: copper and fiber for distances up to 100m and the best video and audio quality

The AOC (Active Optical Cable) cable is carefully assembled and made of copper and fiber for transferring 4K @ 60Hz over long distances up to 100m without data loss. The cable has a bandwidth of 18Gbps 4:4:4 for high resolution video content.

Fully shielded: suitable for sensitive applications

The Active Optical Cable has a Kevlar protected fiber and aluminium foiled shielding. Additionally, the chipset in the connector is encased in copper shielding. This means that the cable is fully shielded, from the source connector to the display connector and is suitable for sensitive applications due to low RFI/EMI. Furthermore, the cable functions without additional power.

Resolution of 4K @ 60Hz

This 4K HDMI cable supports a resolution of 3840x2160 @ 60Hz. Furthermore, the cable supports High Dynamic Range (HDR) video for expansive contrast ratio and color accuracy, CEC, HDCP 2.2, EDID, HEC, ARC, Multi-channel audio, Dolby True HD, and DTS-HD Master Audio.

LSZH: reduces the risk of high concentrations of toxic gases

The cable has a LSZH (Low Smoke Zero Halogen) cable jacket that reduces the risk of high concentrations of toxic gases in case the cable is exposed to open flames or in the event of a fire.

Cable marking for easy identification

It is important that the cable is connected correctly. That is why we marked the connectors of the ACT AOC HDMI v2.0 cable to ensure easy identification of the source and display connector.

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User scenarios

Medical applications: High-resolution imaging is critical in radiology for detailed diagnosis. The low RFI/EMI minimizes interference with sensitive medical devices.
Nautical applications: The cable facilitates the connection between equipment located in different parts of the vessel without signal loss. The Kevlar protected fiber offers durability and reliability in harsh marine environments.
Data center applications: The LSZH jacket ensures safety by reducing toxic gas emissions in case of a fire.
Educational and corporate applications: Provides clear and detailed visuals for large audiences and supports high-definition displays for video conferencing, presentations, and collaborative work.

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