



AOC 2.0 - Active Optical Cable - HDMI High Speed with Detachable Head - 4K@60Hz - 18Gbps - HDR Cable - CMP Plenum Rated

HDMI-235-xxPL - Specifications

Description

This active optical High-Speed HDMI® cable is plenum rated and consists of a HDMI male connector on both ends. It has a detachable head on one end which allows the cable to be pulled through smaller diameter conduit easily. The cable has a built in signal booster chipset which allows it to maintain a HDMI 2.0 signal over a thin cable at longer lengths with no signal loss. It is typically used to connect a HDMI source such as Blu-Ray players and PC's to a HDTV or monitor and supports full 4K Ultra HD resolution and High Dynamic Range (HDR). The AOC cable also works with splitters, switches and other video sharing devices.

NOTE: This active optical HDMI® cable is directional. Each end of the cable is marking “Source” and “Display” to indicate the direction of the signal flow. Always test the cable to be sure that the signal flow is correct and for device compatibility before permanently installing in a wall or ceiling. The product is supplied with an optional USB cable to supplement power if the HDMI source does not provide enough amperage. This product also comes with a protective cover to protect the connector during installation.

Physical Characteristics

Color	Black
Connector Plating	Gold
Detachable Connector Dimensions (LxWxD)	With the Mini End (72.5x20.5x9.8), Without the Mini End (53.2x20.5x9.8)
Shell Material	Zinc-Alloy
Cable Specs	Hybrid with OM3 Fiber / Copper
Cable Diameter	4.5mm
Shielding	75% Braid + 100% Aluminum-Mylar Foil
Jacket Fire Rating	Plenum Rated CMP
Jacket Material	PVC
Strain Relief & Length	Molded PVC, 22.6mm
Bend Radius	48mm

Connectors

Connector A, Connector B	HDMI A (19 pin) Male
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Performance

Maximum Resolution	Ultra HD 4k x 2k (4096 x 2160) @ 60Hz
Maximum Bandwidth	6 Gbps x 3 Channel (max) + Clock
Video	HDR, Deep Color (48-bit) and 3D Compatible
Audio	32 Channel Audio with ARC
O/E Converter	4 channel 850 nm VCSEL array (Transmitter) 4 channel GaAs PD array (Receiver)
Support	CEC, EDID, HDCP
Built in Ethernet Channel, HDCP 2.2 Compliant	Yes
HDMI Version	HDMI 2.0, Backward Compatible with HDMI 1.4

Approvals/Environmental

c(UL)us, CE, FCC, CPR, ATC	Yes
RoHS, Reach, Conflict Minerals	Yes

