

50ft AOC - Active Optical Cable - HDMI High Speed 4K@60Hz - 18Gbps - HDR Cable - CMP Plenum Rated

This active optical High-Speed HDMI® cable is plenum rated and consists of a HDMI male connector on both ends. 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.

Physical Characteristics

Length, Weight	50ft, 1.3 lbs
Color	Black
Connector Plating	Gold
Shell Material	Zinc-Alloy
Cable Specs	Fiber Optic 50/125um multimode / Copper
Cable Diameter	4.5mm
Shielding	75% Braid + 100% Aluminum-Mylar Foil
Jacket Fire Rating	Plenum Rated CMP
Jacket Material / Strain Relief	PVC / Molded PVC
Bend Radius	45mm

Connectors

Connectors A and B	HDMI A (19 pin) Male
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Performance

Max Resolution	Ultra HD 4k x 2k (4096 x 2160) @ 60Hz
Active Chipset Technology	Silicon Line. Model : SL82817/SL82827
Chroma Sampling	4:4:4
Max Bandwidth	6 Gbps x 3 Channel
Video	HDR, Deep Color (48-bit) and 3D Compatible
Audio	32 Channel Audio with ARC
Support	CEC, EDID and HDCP
Built In Ethernet Channel	Yes
HDMI Version, HDCP Compliant	HDMI 2.0, HDCP 2.2

Approvals

c(UL)us, CE, FCC, CPR, ATC	Yes
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Environmental

RoHS/Reach/Conflict Materials	Yes
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