4K@60Hz Armored Outdoor High Speed HDMI Active Optical Cable

AOC HDMI Male to Male, 100 m, Steel Boot, TPU Jacket, IP68-Rated, Weather-Proof Plug Housings, 18G, HDR, ARC, Gold-plated Contacts, Black

Part No.: 356527

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Armored HDMI AOC Cable with Crush-Resistant Steel for Long-Distance and Outdoor Installations in 4K Without Interference or Signal Loss

The Armored Manhattan HDMI AOC Cable can transmit HDMI signals over long distances without loss of signal quality, making it suitable for applications where regular HDMI cables might not suffice. Its armored construction provides protection against physical damage such as bending, twisting, or crushing. This makes it ideal for use in harsh environments or areas where cables are subjected to rough handling, such as in industrial settings, outdoor installations, or venues with heavy foot traffic. Its TPU jacket not only makes it suitable for outdoor use but also resists abrasions.

Active Optical Technology for No Interference and Extra-Long Distances

AOC technology offers several advantages over standard HDMI cables. Its smaller cable diameter ensures greater flexibility and maneuverability during installation into tight spaces. Plus, its construction from fiber strands eliminates the risk of electromagnetic/radio frequency interference to give the best performance, stability, and reliability. The AOC is an excellent choice for high-interference environments such as data centers, surgical theaters, DJ events, or

manufacturing facilities where high resolution and consistent display are critical. It is plug-and-play and draws its power from the HDMI source device, so no external power source is required.

IP68-rated Protective Connector Housings with Weather- and Dust-Proof Glands, Designed for Outdoor Use

The molded, dust-resistant housings protect both HDMI connectors. These components boast an IP68 rating, ensuring their resilience against immersion in 1.5 meters of water for up to 60 minutes without any detrimental effects on performance. Tailored for use in industrial environments like factories and warehouses, as well as challenging outdoor settings, this cable excels where dust, debris, and water pose constant challenges.

Brilliant Colors and Contrast with HDR and Dolby Vision™

This cable delivers images in brilliant 4K (3840 x 2160) at a rapid 60 Hz with HDR and Dolby Vision™ for perfect contrast and colors.

Crystal-Clear Sound with Dolby Atmos®

Both Dolby Atmos and ARC support work together to deliver audio in unparalleled clarity and depth.

Gold-Plated Contacts

Gold-plated contacts provide maximum signal integrity as well as crisp, clear signal transmissions. Use it with every HDMI device - TVs, projectors, monitors, notebooks, PCs, AV receivers, streaming boxes, game consoles, PlayStation® (PS4/PS5), Xbox® (One/One X/Series S/Series X), Blu-ray players, and more.

Features:

- Extends an HDMI signal over long distances without an external repeater, signal loss or interference
- Fiber and copper-wire hybrid for a thinner cable, ideal for in-wall installations and narrow spaces
- Immune to EMI (electromagnetic interference) and RFI (radio frequency interference)
- IP68-rated, dust-proof and water-proof plug housings, great for outdoor applications like surveillance and digital signage
- Crush-resistant, stainless steel boot protects against physical damage

in harsh environments
- Durable thermoplastic polyurethane (TPU) jacket, resistant to crushing, cuts, and abrasion
- Gold-plated contacts for corrosion-free connections
- Resolutions up to Ultra-High-Definition (UHD) 4K@60Hz (3840×2160)
- Dynamic HDR for superior contrast and brilliant colors
- Supports Dolby Vision™ and Dolby Atmos®
- Up to 18 Gbps bandwidth
- Audio Return Channel (ARC) to allow TV's audio to transmit through your audio system without a separate audio cable
- Compatible with every HDMI device - TVs, projectors, monitors, notebooks, PCs, AV receivers, streaming boxes, game consoles, PlayStation® (PS4/PS5), Xbox® (One/Series S/Series X), Blu-ray players and more
- Plug and play; requires no external power supply
- Built-in, active amplifier circuitry
- Fully HDCP 2.2 compliant, backward compatible
- Three-year warranty

Specifications:

Standards and Certifications
- CE
- FCC
- RoHS
- REACH
- UKCA

General
- Supported resolutions: 720p/1080i/1080p/4K@30Hz/4K@60Hz
- Max. bandwidth: 18 Gbps
- Supports HDCP 2.2, CEC, HDR, ARC, and more

Connectors
- Two HDMI 19-pin male

Cable
- 30 AWG
- Fiber: OM3
- Withstanding voltage: 300 VDC
- Insulation resistance: 5 MOhm
- Contact resistance: 10 Ohm
- Jacket OD: 5.8 mm
- Bend radius: 40 mm
- Length: 100 m
- Other dimensions: 20 mm (width), 10 mm (height)
- Net weight: 5.75 kg

• Gross weight: 6 kg

Operating Environment
• Operation temperature: -10 - 50°C
• Storage temperature: -20 - 60°C
• Humidity (non-condensing): 10 - 85%

Package Contents
• 4K@60Hz Armored High Speed HDMI AOC Cable