

High-Speed HDMI Active Optical Cable with Detachable Connector

4K@60Hz UHD, HDMI Male to Micro HDMI Male (Type D) and Detachable HDMI Male (Type A), 100 m (328 ft.), HEC, ARC, Gold-plated Contacts, Black

Part No.: 355551

EAN-13: 0766623355551 | UPC: 766623355551

HDMI Active Optical Cable - enjoy Ultra-High-Definition (UHD) performance over extra-long distances with flexible connections and no interference

The Manhattan High-Speed HDMI Active Optical Cable with Detachable Connector is the perfect solution for delivering an HDMI signal to a desired location such as a classroom, conference room, healthcare facility, trade show or another commercial environment. Active Optical Cable (AOC) technology offers several advantages over standard HDMI cables. Its smaller cable diameter ensures greater flexibility and maneuverability during installation into tight spaces and features a Micro HDMI type-D connector for a narrower connection through walls. You can attach the included HDMI type-A adapter for your traditional, full-scale source-to-display connection and enjoy your videos in ultra-sharp, smooth 4K@60Hz. Its construction from fiber strands eliminates the risk of electromagnetic/radio frequency interference to give the best performance, stability and reliability when is use. 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.

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Features:

- Extends an HDMI signal over long distances without an external repeater, signal loss or interference
- Supports Ultra-High-Definition (UHD) 4K@60Hz 4:4:4 chroma subsampling
- Standard HDMI connector (type A) to Micro HDMI (type D) for a narrower connection through walls; includes HDMI type-A adapter for traditional source-to-display connection
- 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)
- Gold-plated contacts for corrosion-free connections
- High Dynamic Range (HDR) for superior contrast and brilliant colors
- Supports HDMI Ethernet Channel (HEC)
- Supports HDCP 2.2, CEC and ARC
- Compatible with Dolby, Dolby Atmos, DTS and PCM audio formats
- Supports bandwidth up to 18 Gbps
- Plug and Play; requires no external power supply
- Built-in, active amplifier circuitry
- Three-year warranty

Specifications:

Standards and Certifications
- RoHS
- CE
- FCC

General
- Fiber: OM3
- 4K (3840 × 2160) at 60 Hz resolution
- Bandwidth: 18 Gbps
- HDCP 2.2 support
- CEC support
- HDR support
- ARC support
- Length: 100 m (328 ft.)
- Weight: 3 kg (6.61 lbs.)

Chipsets
- Output: SL82817
- Input: SL82827
- VCSEL II-VI
- Operating voltage: 5 V

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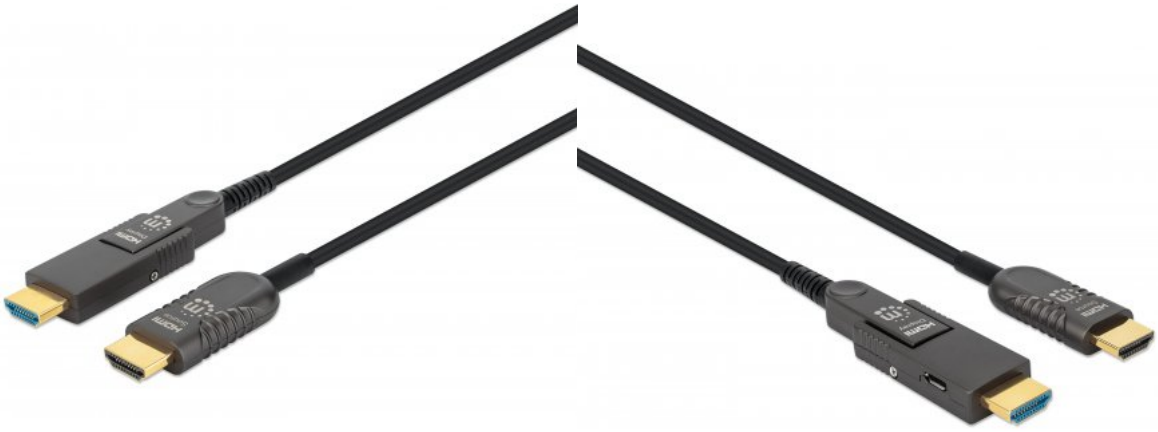
• Operating current: 50 mA
• Power consumption: 250 mW

Connectors
• One HDMI 19-pin male, type A
• One Micro HDMI 19-pin male, type D (with detachable HDMI 19-pin male adapter, type A)
• USB Micro-B input: DC 5 V (optional)
• Gold-plated contacts
• Zinc diecast connectors

Cable
• 28 AWG cable
• OD: 4.5 mm, ± 0.2 mm
• Bend radius: 20 mm
• Fiber pulling/tensile strength: 25 kg (250 N)

Operating Environment
• Operation temperature: 0 - 75°C (32 - 167°F)
• Storage temperature: -20 - 70°C (-4 - 158°F)
• Humidity (noncondensing): 10 - 85%

Package Contents
• High-Speed HDMI Active Optical Cable with Detachable Connector
• USB Micro-B male to USB-A male power cable, 1m (3.3 ft.)



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