

Plenum-Rated HDMI Active Optical Cable

4K@60Hz (UHD) 4:4:4, HDR, HEC, ARC, HDCP 2.2, CEC, 3D, 18 Gbps Bandwidth, HDMI Male to Male, 30 m (99 ft.), Black

Part No.: 355438

EAN-13: 0766623355438 | UPC: 766623355438

Enjoy Ultra-High-Definition (UHD) performance with no interference.

The Manhattan Plenum-Rated HDMI Active Optical Cable (AOC) 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. AOC technology offers several advantages over standard HDMI cables. Its smaller cable diameter ensures greater flexibility and maneuverability during installation into tight spaces such as pipes or walls, and 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. The Manhattan Plenum-Rated HDMI Active Optical Cable is Plug and Play, drawing power from the HDMI source device, so no external power source is required.

Features:

- Extends an HDMI signal over optical cable and supports the latest HDMI features
- Supports Ultra-High-Definition (UHD) 4K@60Hz 4:4:4 chroma subsampling
- Supports High Dynamic Range (HDR) imaging
- Supports HDMI Ethernet Channel (HEC)

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- Supports HDCP 2.2, CEC and ARC
- Compatible with Dolby, Dolby Atmos, DTS and PCM audio formats
- Supports bandwidth up to 18 Gbps
- CMP (plenum) rated
- Compatible with HDMI 2.0 standards
- Plug and Play; requires no external power supply
- Lifetime warranty

Specifications:

Standards and Certifications
• CE
• FCC
• CMP (plenum) rated

General
• Fiber: OM3
• 4K (3840 × 2160) at 60 Hz resolution
• Bandwidth: 18 Gbps
• HDCP 2.2 support
• CEC support
• HDR support
• ARC support
• Meets or exceeds existing HDMI standards
• Length: 30 m (99 ft.)

Chipsets
• Output: SL82817
• Input: SL82827
• Philips VCSEL
• Operating voltage: 5 V
• Operating Current: 50 mA
• Power Consumption: 250 mW

Connectors
• Two HDMI 19-pin male
• Gold-plated contacts
• Metal connector

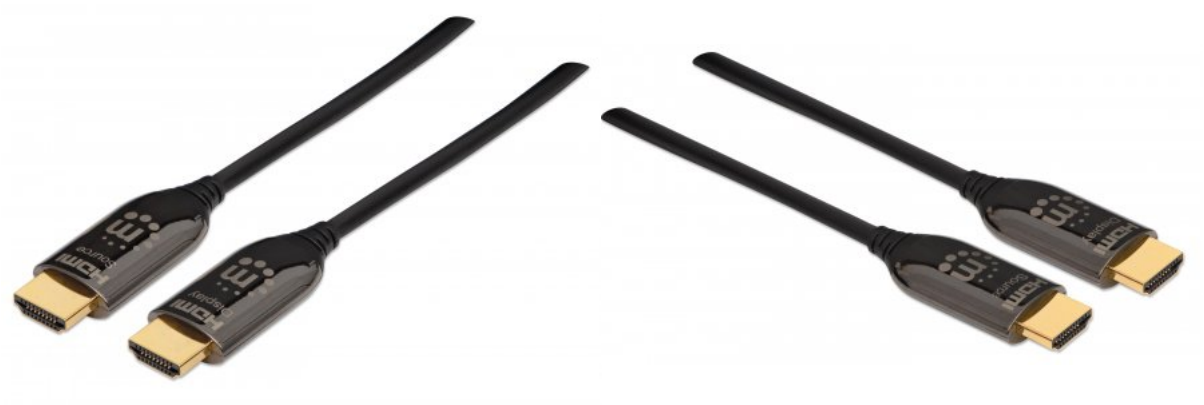
Cable
• 30 AWG cable
• Double shielded
• OD: 4.5 mm, ± 0.2 mm
• Bend radius: 20 mm
• Fiber pulling/Tensile strength: 25 kg (250 N)

Operating Environment

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- Operation Temperature: 0 – 50°C (32 – 122°F)
- Storage Temperature: -20 – 70°C (-4 – 158°F)
- Humidity (noncondensing): 0 – 85%

Package Contents
- Plenum-Rated HDMI Active Optical Cable







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