

10m (32.8ft) Active HDMI 2.0 Cable, CMP, Plenum Rated, High Speed HDMI Cable, 4K 60Hz, HDR10/HDCP 2.2/ARC, CMP In Wall HDMI Cord

Produkt-ID: HD2AP-10M-HDMI-CABLE



Route this Active High Speed HDMI 2.0 Cable through office plenum spaces for long distance transmission of 4K 60Hz video and high quality audio.

The Active HDMI 2.0 cord is designed for long-distance reliability. Durable gold-plated connectors and 24/28AWG bare copper wire maintain optimal conductivity and low resistance, ensuring consistent performance across different environments. The integrated active chipset boosts the HDMI signal without requiring external power, facilitating 4K 60Hz video and full HDMI 2.0 capabilities. This enables the transmission of HDMI UHD video beyond passive cable lengths.

The Active HDMI UHD Cable supports full HDMI 2.0 specifications:

- Up to 18Gbps bandwidth for 4K 60Hz video and higher refresh rates at lower resolutions (e.g. 1080p/1440p 120Hz)
- High Dynamic Range (HDR10) with 10-bit processing for higher contrast ratio and vibrant, cinematic picture quality
- Audio Return Channel (ARC) for 7.1 and 32-channel audio
- High-Bandwidth Digital Content Protection (HDCP 2.2) for a secure connection between source and display
- Dual Video Streams enable two independent video streams from a single source, allowing for picture-in-picture and other capabilities
- Variable Refresh Rate (VRR) synchronizes the refresh rate of the display with the output frame rate of the content, reducing screen tearing

This HDMI 2.0 Cable features a Communications Multipurpose Plenum (CMP)-rated cable jacket with low-smoke characteristics. It is ideal for use in the plenum spaces of buildings (e.g., dropped ceilings and in-wall installations). The durable outer jacket is rated to withstand over 1,000 bending cycles at +/-60 degrees. This protects the cable from damage when routing through tight spaces that include multiple bends.

Note: This cable is unidirectional and must be installed in a specific direction. Refer to the embossed SOURCE and DISPLAY markings on the HDMI connectors to ensure that each end corresponds with the correct hardware.

Zertifikate Berichte und Kompatibilität



Anwendungen

- Deliver 4K 60Hz video over longer distances
- Ideal for use in plenum spaces and dropped ceilings

Merkmale

- **DESIGNED FOR LONG RANGE:** Active HDMI 2.0 Cable delivers 4K 60Hz beyond the length of passive copper cables; An integrated active chipset enables consistent performance without requiring an external booster or power source; Note: Cable is unidirectional
- **PLENUM RATED:** CMP-rated Active HDMI Cable Jacket for safe installation in plenum spaces; Suitable for ceiling, conduit, and in-wall cable runs; For use in commercial environments where compliance with fire codes
- **APPLICATIONS:** Full-featured HDMI 2.0 enables Dynamic HDR10 w/10-bit processing for vibrant picture quality; Ideal for UHD/4K monitors/projectors/large displays, conference rooms, and video walls; 7.1 and 32-ch audio w/ARC; Compatible w/HDMI 1.4/1.2
- **QUALITY CONSTRUCTION:** Gold-plated connectors rated beyond 10,000 insertion cycles; Durable plenum jacket with robust strain reliefs; Tested beyond 1,000 bending cycles at +/- 60° Embossed markings on connectors for Source and Display
- **SPECS:** Black; 10-meter (32.8-foot); Unidirectional; CMP (Plenum-Rated); High Speed HDMI 2.0; Supports HDR10/HDCP 2.2/7.1 & 32-ch audio; 18Gbps; 4K 60Hz; 9mm (0.35in) O.D.; Ideal for long cable runs

Hardware

Garantiebestimmungen	Lifetime
Active or Passive Adapter	Aktiv
Steckverbinderplatten	Gold
Typ der Kabelummantelung	PVC
Typ der Kabelabschirmung	Aluminium-Mylar-Folie mit Geflecht
Feuerwiderstandsklasse	Ausgelegt gemäß CMP (Plenum)
Kabeltyp	Active Copper Cable
Industrienormen	HDMI 2.0
Chipset-ID	HT8181

Leistung

Video Revision	HDMI 2.0
Max. Datenübertragungsrate	18 Gbit/s
Max. Digitalauflösungen	4K 60Hz
Audiospezifikationen	HDMI - 7.1 Channel Audio HDMI - 32 Channel Audio
MTBF	Für mehr als 10.000 Einsteckzyklen ausgelegt

Steckverbinder

Steckverbinder A	1 - HDMI
Steckverbinder B	1 - HDMI

Spezielle Hinweise/Anforderungen

Hinweis	This is a unidirectional HDMI cable. The connectors are labelled "Source" and "Display" and must be connected as such.
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Strom

Stromversorgung	Busgespeist
Eingangsspannung	5V DC
Eingangsstrom	300 mA

Umgebungsbedingungen

Betriebstemperatur	-20°C to 70°C (-4°F to 158°F)
Lagertemperatur	0°C to 50°C (32°F to 122°F)
Feuchtigkeit	0 bis 95%

Physische Eigenschaften

Farbe	Schwarz
Steckverbinderart	Gerade
Drahtstärke	24/28 AWG
Gehäusetyp	PVC
Kabellänge	32.8 ft [10 m]
Außendurchmesser des Kabels	0.4 in [9 mm]
Produktlänge	32.9 ft [10.0 m]
Produktbreite	0.8 in [2.0 cm]
Produktgröße	0.5 in [1.2 cm]
Produktgewicht	0.0 oz [0.0 g]

Verpackungsinformationen

Paketmenge	1
Paketlänge	9.8 in [25.0 cm]
Paketbreite	9.8 in [25.0 cm]
Paketgröße	1.4 in [3.5 cm]

Versandgewicht (Verpackung)	2.1 lb [1.0 kg]
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Verpackungsinhalt

Im Paket enthalten	1 - 10m Aktives HDMI Kabel
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* Größe, Aussehen und Spezifikationen sind Änderungen ohne vorherige Ankündigung vorbehalten.