50ft (15m) Active HDMI 2.0 Cable, CMP, Plenum Rated, High Speed HDMI Cable, 4K 60Hz, HDR10/HDCP 2.2/ARC, CMP In Wall HDMI Cord

Product ID: HD2AP-15M-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.

Certifications, Reports and Compatibility



Applications

• Deliver 4K 60Hz video over longer distances

• Ideal for use in plenum spaces and dropped ceilings

Features

• 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 HDMI cable jacket is designed 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 must be considered

• 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; 15-meter (49.2-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

Warranty	Lifetime
Active or Passive Adapter	Active
Connector Plating	Gold
Cable Jacket Material	PVC
Cable Shield Material	Aluminum-Mylar Foil with Braid

	Fire Rating	Plenum
	Cable Type	Active Copper Cable
	Industry Standards	HDMI 2.0
	Chipset ID	HT8181
Performance		
	Video Revision	HDMI 2.0
	Maximum Data Transfer Rate	18Gbps
	Maximum Digital Resolutions	4K 60Hz
	Audio Specifications	HDMI - 7.1 Channel Audio
		HDMI - 32 Channel Audio
	MTBF	Rated beyond 10,000 Insertion Cycles
Connector(s)		
	Connector A	1 - HDMI
	Connector B	1 - HDMI
Special Notes / Requirements		
	Note	This HDMI Cable is unidirectional with identified connectors for Source and Display. Please ensure that the HDMI connector labelled with "Display" is connected to the Display, TV, or Projector.
Power		
	Power Source	Bus Powered
	Input Voltage	5V DC
	Input Current	300 mA
Environmental		
	Operating Temperature	-20C to 70C (-4F to 158F)
	Storage Temperature	0C to 50C (32F to 122F)
	Humidity	0%~95%

Physical Characteristics		
	Color	Black
	Connector Style	Straight
	Wire Gauge	24/28 AWG
	Material	PVC
	Cable Length	49.2 ft [15 m]
	Cable OD	0.4 in [9 mm]
	Product Length	49.3 ft [15.0 m]
	Product Width	0.8 in [2.0 cm]
	Product Height	0.5 in [1.2 cm]
	Weight of Product	2.9 lb [1.3 kg]
Packaging Information		
	Package Quantity	1
	Package Length	10.0 in [25.3 cm]
	Package Width	10.4 in [26.4 cm]
	Package Height	2.8 in [7.2 cm]
	Shipping (Package) Weight	3.3 lb [1.5 kg]
What's in the Box		
	Included in Package	1 - 15m Active HDMI Cable

Product appearance and specifications are subject to change without notice.