

DATA SHEET

EASYCONNECT HDMI4K-50

The EasyConnect HDMI4k-50 is a premium HDMI 2.0 cable designed for high-performance 4K video transmission. This 50 ft (15 m) cable supports 4K UHD resolution at 60Hz with HDR capability and features a maximum data rate of 18 Gbps.



FEATURES

- HDMI Version: 2.0
- Resolution Support: 4k/60Hz
- Cable Length: 50 ft (50 m)
- Other features: CEC, EDID
- Signal Type: Active
- Conductor Type: Tinned Copper & Multi-Mode Optical Fibers

PRODUCT SPECIFICATIONS

GENERAL		PHYSICAL	
HDMI Version	2.0	Jacket Material	PVC
Connector Type	HDMI A (male-male)	Conductor Material	Tinned Copper & Multi-Mode Optical Fibers
DATA		Wire Gauge	24+28+28+30 (AWG)
Max. Data Rate	18 Gbps	Shield Type	Triple Shielded (foil + double braid)
TMDS Clock	600 MHz	Contact Plating	Gold
VIDEO		ENVIRONMENTAL	
Max. Resolution	3840 x 2160 pixels (at 60Hz)	Operating Temp.	0 to 50 °C
Max Refresh Rate @ 4K	60 Hz (full bandwidth)	Storage Temp.	-20 to 70 °C
Color Depth	8 bit (per color)	Humidity	10 to 80% RH (non-condensing)
Chroma Sampling	4:4:4 (at 4K/30Hz)	FEATURES	
HDR Support	Yes (HDR10, HLG)	CEC Support	Yes (consumer electronics control)
HDCP Version	2.2 (backward compatible)	EDID Support	Yes (enhanced display ID)
AUDIO		REGULATORY	
ARC Support	Yes (audio return channel)	Compliance.	RoHS, CE, FCC
eARC Support	No	Safety Rating	VW-1
Audio Formats	Up to 32 channels (PCM)	Premium Certified	Yes
Dolby Support	Yes (including Atmos)	WARRANTY	
DTS Support	Yes (including DTS:X)	Limited Warranty	2 Years
MECHANICAL			
Cable length	50 ft. (15 m.)		
Cable Outer Diameter	4.5 mm		
Min. Static Bend Radius	45 mm		
Max. Tensile Strength	200 N		
Max. Compression Load	500 N		

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ARCHITECTS & ENGINEERS SPECIFICATIONS

The USB cable shall be designed for use with Biamp® systems. The HDMI version shall be 2.0. The cable shall support 4k resolution at 60Hz. The cable length shall be 50 ft (15m). The HDMI cable shall be a passive cable. The HDMI cable shall be compliant with RoHS, CE, and FCC directive. Warranty shall be two years. The passive HDMI cable shall be an EasyConnect HDMI4k-50.

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