

1 x 8 HDMI Splitter Over Single CAT.X with Local Out

Part # AV-BPHDMI19KC



KEY FEATURES

- HDMI local output for monitoring.
- Supports default HDMI EDID and has the ability to learn the EDID of displays.
- Extends up to 20m (66ft) of input HDMI cable.
- Extends up to 60m (200ft) of output Cat-5/5e/6 UTP cable under HD (720p / 1080i).
- Extends up to 40m (130ft) of output Cat-5/5e/6 UTP cable under Full HD (1080p).
- Pure unaltered uncompressed 7.1ch digital HDMI over UTP.
- Allows cascading.
- Perfectly integrated with other HDMI over CAT.X series products.
- 1RU rack mountable.

Kit Contents

- 1 x AV-BPHDMI19KC
- 1 x Power Adaptor
- 1 x Rack-mounting ear set
- 1 x Instruction Manual

Specifications	AV-BPHDMI19KC
TECHNICAL	
Roll of Usage	1 x 9 Distribution Amplifier Transmitter [TX]
HDMI Compliance	High Speed HDMI - Deep Colour & 3D Support
HDCP Compliance	Yes
Video Bandwidth	Single-Link 225MHz [6.75Gbps]
Video Support	480i / 480p / 720p / 1080i / 1080p60 up to 36-bit colour
Transmission over UTP cable (24-bit)	Full HD (1080p) - 40m [CAT.5e] / 50m [Cat6] HD (720p / 1080i) - 50m [CAT.5e] / 60m [Cat6]
Audio Support	Surround Sound (Up to 7.1ch) or stereo digital audio
Equalisation	None
Input TMDS signal	1.2 Volts [peak-to-peak]
Input DDC signal	5 Volts [peak-to-peak, TTL]
ESD protection	[1] Human Body Model $\pm 19\text{kV}$ [air-gap discharge] & $\pm 12\text{kV}$ [contact charge] - [2] Core Chipset $\pm 8\text{kV}$
PCB stack-up	4-layer board [impedance control - differential 100 Ω ; single 50 Ω
Input	1 x HDMI
Output	8 x RJ45 + 1 x HDMI
HDMI connector	Type A [19-pin female]
RJ45 connector	WE/SS 8P8C with 2 LED indicators
DIP Switch	4-pin for EDID learning and audio setting modes
Rotary Control Switch	2-pin for EDID learning and audio setting modes
MECHANICAL	
Housing	Metal Enclosure
Dimensions [L x W x H]	439 x 156 x 43mm [1'5" x 6.1" x 1.7"]
Weight	1723g
Fixedness	1U rack-mounting with ears
Power Supply	5V 4A DC
Power Consumption	13 Watts [max]
Operation Temperature	0-40°C
Storage Temperature	-20-60°C
Relative Humidity	20-90% RH [no condensation]

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