

SPECIFICATION

Video	
Input:	1× HDMI
Input Connector:	1x 19-pin type-A female HDMI 2.0b,HDCP 2.2
Output:	1× HDMI
Output Connector:	1x 19-pin type-A female HDMI 2.0b, HDCP 2.2
General	
Max data rate:	18Gbit/s
Max resolution:	4Kx2K@60Hz with 24bit RGB/YCBCR 4:4:4
Work temperature:	0 to 40°C
Reference humidity:	20 to 90%
Power consumption:	2W
Power supply input:	DC 5V 1A
Dimension (W*H*D):	56mm x 100mm x 16mm
Net weight:	165g

1:2 HDMI 2.0 4K2K Distribution Amplifier



Model:
AVA-HDMI12/H

** For details and updated Command and Program Software, please visit and download from www.abtussingapore.com

*Specifications are subject to changes without notice.

PRODUCT DESCRIPTION

AVA-HDMI12/H distribution amplifier is an advanced solution for splitting HDMI content to 2 HDMI outputs synchronously.

It provides high performance audio and video up to 4K2K@60Hz (4:4:4) and is capable of receiving, retiming and transmitting up to 18Gbps of bandwidth with no data loss.

FEATURES

- HDMI 2.0b, HDCP 2.2 compliant
- Up to 4K2K@60Hz with 24bit RGB/YCBCR 4:4:4
- Supports LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master audio
- Built-in equalizer, retiming and driver
- Smart EDID, STD(1080p) mode and TV(copy OUT1) mode
- Compact design for an easy and flexible installation

PANEL DESCRIPTIONS



Number	Name	Function description
1	Power LED	This blue LED illuminate when the device is connected with power supply.
2	IN LED	This blue LED illuminate when the Source connected to the device.
3	OUT LED	These blue LEDs will light up to indicate which HDMI outputs are connected to an active TV/display/monitor.
4	EDID STD	When in 'STD' mode, the unit will use its own built-in EDID settings. In this mode, the video output will be set to 1080p@60Hz and the audio output at LPCM 2CH Stereo.
5	EDID TV	When in 'TV' mode, the unit will read the EDID settings of the display device connected to HDMI OUT 1.
6	HDMI OUT1~2	Connect each of the HDMI outputs to an HDMI display for simultaneous HDMI distribution, or cascade the output to another splitter to extend the operating distance.
7	HDMI IN	Connect the input port to the HDMI output of your source device such as a DVD player or set-top box with an HDMI cable.
8	DC 5V	Plug the 5V DC power supply into the unit and connected the adaptor to an AC outlet.

DIAGRAM

