

VideoSplitter HDMI PT

HDMI Splitter Pigtail Type



Features and Benefits

- Connect multiple HDMI monitors, projectors or LCD displays from a single PC or HD video source
- Ideal for classrooms, boardrooms, trade shows, exhibition displays, and retail advertising or display
- Integral cost saving input cable with gold-plated HDMI Type A Connector
- Supports HDMI 1.3b
- Supports HDCP
- Supports uncompressed audio such as LPCM
- Supports compressed audio such as DTS Digital, Dolby Digital, DTS-HD and Dolby True HD
- Supports Computer video resolutions to 1920x1200
- Video bandwidth to 225 MHz / 2.25 Gbps per channel (6.75 Gbps all channels)
- No external power needed for shorter cable lengths
- Integral amplifier allows output cable lengths to 45 feet each when power supply is connected
- Units can be cascaded to cover more displays

2-Port HDMI Splitter

- ▶ Output a HDMI signal to two separate displays
- ▶ Supports 12-bit per channel deep color
- ▶ Works without power supply for shorter cable lengths
- ▶ Displays can be up to 45 feet away when power is applied to unit
- ▶ Provides Audio, HDCP and DDC support
- ▶ Compressed and uncompressed audio formats supported
- ▶ Units can be cascaded

Product Overview . . .

The Rose Electronics VideoSplitter HDMI PT is a versatile device that can be used in a variety of applications. It enables simultaneous sharing of a single HDMI high definition video source between two HDMI or DVI displays.

The VideoSplitter HDMI PT is easy to use. Simply connect the unit between the desired video source and destination displays and the unit is ready to use. No software installation is required.

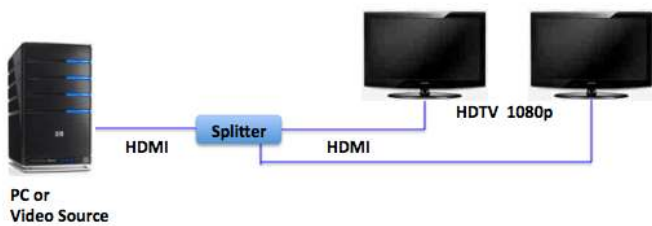
The VideoSplitter HDMI PT can function without applying external power when using shorter HDMI cables. When external power is applied through the supplied adapter, the splitter can send signals as far as 49.6 ft away (15 m).

The VideoSplitter HDMI PT supports the HDMI 1.3b and HDCP protocols. Compressed audio formats such as DTS Digital, Dolby Digital, DTS-HD and Dolby True HD, and the LPCM uncompressed audio formats are supported by the unit.

Video resolutions up to 1080p on high-definition displays and 1920x1200 on computer monitors can be transmitted by the unit. Supports 12-bit per channel deep color (36-bit all channels).



Typical Application



The versatile VideoSplitter HDMI PT can be used for exhibition displays, HDTV retail signage, STB, DVD and Projector applications. This makes it ideal for classrooms, boardrooms or trade shows. Any application where a single HDMI video source is to be cloned to two high definition displays will benefit from the VideoSplitter HDMI PT.

Cables Two HDMI cables are needed to connect the VideoSplitter HDMI PT to the display devices, or another unit to cascade it. For longer cables, external power should be applied to the unit.

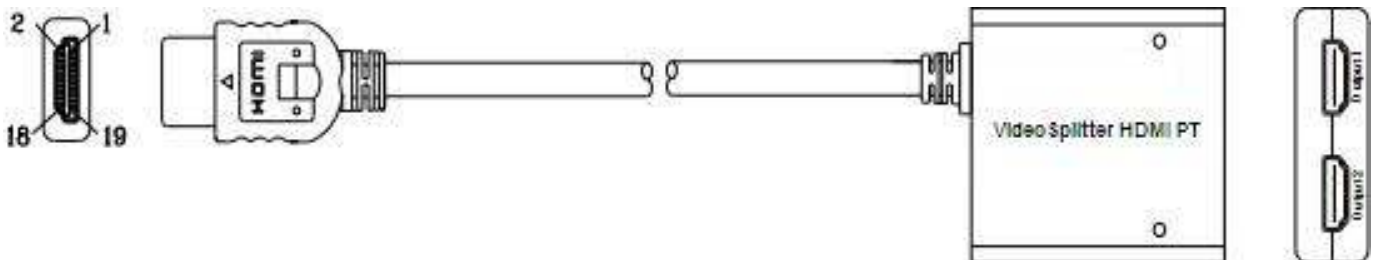
Installation The VideoSplitter HDMI PT is simple to install. Turn off power to the video source and the destination displays. Connect the attached HDMI cable to the source. Using HDMI cables, connect the output HDMI connectors on the unit to the destination displays.

If shorter HDMI cables are used, it is not necessary to connect the supplied power adapter to the unit. For longer cable lengths, it will be necessary to connect the power adapter to the unit.

Power up the displays, followed by video source. If no video is seen on the displays, or if the video is of poor quality, apply external power to the unit.

Specifications:

Part Number	Description		
VS-1x2HDMI/PT	VideoSplitter HDMI PT		
CAB-HDMIxxx	HDMI Cable		
Dimensions	Width	Depth	Height
HDMI Mini Splitter	2.13 in / 54 mm	2.48 in / 63 mm	0.71 in / 18 mm
Video			
HDTV Progressive	480p, 576p, 720p, 1080p		
HDTV Interlaced	480i, 576i, 1080i		
Maximum Computer Resolution	1920 x 1200		
Output Video	HDMI 1.3b + HDCP 1.0 /1.1		
Vertical Frequency	50 / 60 Hz		
Video Amplifier Bandwidth	2.25 Gbps / 225 MHz		
LEDs	Two HDMI Output Signal LEDs		
Connectors	1 x HDMI Type A male (Input) 2 x HDMI Type A female (Output) 1 x DC Power		
Maximum Distance	49.6 ft / 15 m with external power		
HDMI Cable Length	18 in / 457 mm		
Power	+5V DC @ 2 Amp, 8W		
Approvals	FCC Part 15 Class B, CE, UL		
Environmental			
Operating Temperature	32°F to 158°F (0°C to 70°C)		
Storage Temperature	14°F to 176°F (-10°C to 80°C)		
Storage Humidity	5% to 90% RH, non-condensing		



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