ATEN Technology, Inc.

4 Port Video Splitter - 420 MHz VS134A

The Video Separator is a signal booster and splitter that is used to take video input from a single source and direct it to four video outputs for monitors using analog signals. The signal boost obtained by using the VS-134 allows you to not only split the signal but to extend the distance so that you can send the signal to about 210 feet. This is no mean feat, your average VGA card, over a standard VGA cable, send a clear VGA signal approximately 25 feet. This makes public broadcasts from a single computer very feasible. If you want to display the same information on many monitors at once, such as in a classroom environment, or at a demonstration, this product performs incredibly well.

Bandwidth is the term that is used to describe the signal capacity of these units. In general, bandwidth is directly proportional to the amount of data transmitted per unit of time. Specifically, in analog signals, bandwidth is the difference between the highest-frequency and the lowest frequency components of a givin signal. For example a voice telephone signal has a bandwidth of 3000 Hz (or 3000 cycles per second), where an analog TV signal has a bandwidth of approximately 6MHz (or 6 million cycles per second) which is approximately 2000 times greater than a simple voice phone call. Å VS134 has a bandwidth of 420MHz (which is 420 million cycles per second) and that is Å 60 times greater than a simple TV signal. This huge bandwidth allows for the transmission of large amounts of information at a very high rate of speed, and thus you can use the very high resolution setting of 1920 x 1440 in 24 or 32 bit true color mode at a refresh rate of 70Hz.

Distributor Part NO. : Contact Aten for part number @ 949.428.1111

Features:

- One video input with two video outputs
- → Transmission distance of up to 210 feet
- → Suitable for SVGA, VGA, XGA, and Multisync monitors
- ightarrow Daisy-Chain multiple units together for even more outputs
- $^{
 m o}$ Power-save mode, when the computer is off the power indicator LED's flash

Requirements:

→ VGA Monitors

VGA output device (Computer/DVR/Server...etc)

Package Content:

- → Â 1x VS134A Video SplitterÂ
- 1x Power AdapterÂ
- → Â 1x User Guide

Specification :

Video Input1 x HDB-15 Male (Blue)Video Output4 x HDB-15 Female (Blue)Power1 x DC Jack (Black)LEDs	Connectors	
Power1 x DC Jack (Black)LEDsPower OnI (Green)VGA Bandwidth (-3db)450 MHzVideo Resolution2048 x 1536 @ 60HzStandardsVGA, XGA, SVGA, UXGA, OXGA, Multisync, DDC28**Cable Distance2010 ftPower210 ftVoltage5 VDCAmps50 mAPower Consumption.95 WF 0.324 BTU/HrEnvironment.92 to 122 FStorage Temperature32 to 122 FStorage Temperature.94 to 140 FHunidity0.860% RH, Non-condensingUnit Dimensions.90 in (.22.9 cm)Width.90 in (.22.9 cm)Height.90 in (.32.0 cm)Height.91 in (.33.0 cm)Height.91 in (.33.0 cm)Height.91 in (.33.0 cm)Height.91 in (.33.0 cm)Height.91 in (.31.0 in (.33.0 cm)Height.91 in (.31.0 in (.31.0 cm)Height.91 in (.21.1 in (.94.0 cm)Mitch.91 in (.21.1 in (.41.0 cm)Height <td>Video Input</td> <td>1 x HDB-15 Male (Blue)</td>	Video Input	1 x HDB-15 Male (Blue)
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