

Shinybow SB-1108G-b 1x8 VGA(RGBHV) Amplifier Splitter

An ultrahigh speed current feedback amplifier with an excellent 5500V/as slew rate that results in a rise time of 545ps, making it ideal as a pulse amplifier. The high slew rate lowers the effect of slew rate limiting and results in the large signal Bandwidth 440MHz(G=+2), Small signal Bandwidth (-3dB) 1000MHz (G=+1) delivers computer resolutions up to 2048 x 2048 at distances up to 150 feet away without signal deterioration. Signal quality is maintained over a wide bandwidth with worst-case distortion of-40dBc @ 250MHz (G = + 10, 1 Vp-p). Input and output connectors are HD-15 female type. Support wall mountable metal cases, 1 RU high. All units are +12VDC powered, which includes a power adaptor.

Features:

- 1 input to 8 outputs VGA Distribution Amplifier
- Large Signal Bandwidth 440MHz, G=+2
- Small signal Bandwidth(-3dB) 1GHz, G=+1
- Settling Time 10 ns to 0.1%, 2 V Step, G=+2
- Low Distortion over Wide Bandwidth
- High resolution for VGA, SVGA, XGA, UXGA,WUXGA 1920x1200
- High Output Drive 175 mA Output Load Drive
- Scan rates accepted : 50Hz or 60Hz
- Enclosure type : Support wall mountable
- Support Lower power consumed full load under 300mA

Specifications:

- Type of Amplifier: 1 input To 8 outputs VGA Distribution Amplifier
- I/O signals: RGBHV, RGBS, RGsB (RGB Level Range 0.5-2.0 Vp-p)
- Video Bandwidth: Large signal 440MHz, small signal(-3dB) 1GHz
- Slew Rate: 5500 V/as, 4V Step, G=+2
- Settling Time: 10 ns to 0.1%, 2 V Step, G=+2
- Gain flatness: 0.1 dB to 75MHz, RI=150% 1. 0.01% differential gain error; RL=150% 2. 0.01 differential phase error; RI=150%
- Low distortion SFDR: -66 dBc @ 20 Mhz, Second Harmonic 1. -75 dBc @ 20MHz, Third Harmonic
- High Resolution: Maximum 2048x2048
- Amplifier Unit: FCC, CE, RoHS(2002/95/EC)
- Power Supplies: UL, CE, CSA, TUV, BS
- Power distortion: 400 mA full load
- Dimensions (W.D.H.): 8.66" (220mm) x 4.52" (115mm) x 1.73" (44mm)
- Power Voltage Input: DC 12V@500mA, ~3Aaccepted

In the box:

- SB-1108 VGA DA
- Users Guide
- AC/DC Adapter: 12VDC, 300mA
- Optional Rack Mount Bracket Available.