



VP-123

1:3 RGBHV Computer Graphics Video Distribution Amplifier



The **VP-123** is a high-performance amplifier for computer graphics video signals with resolutions ranging from VGA through UXGA and higher. The unit takes one input, provides correct buffering and isolation, and distributes the signal to three identical outputs.

FEATURES

- High Bandwidth - 450MHz (-3dB).
- HDTV Compatible.
- Input - 5 BNCs.
- Level (Gain) and EQ (Peaking) Controls.
- Worldwide Power Supply - 100-240V AC & 12V DC.
- Standard 19" Rack Mount Size - 1U.



VP-123

TECHNICAL SPECIFICATIONS

INPUT:	1x3 component/RGB/composite video, 1Vpp/75Ω on BNC connectors; H Sync and V Sync, TTL level.
OUTPUT:	3x3 component/RGB/composite video, 1Vpp/75Ω on BNC connectors 3 x H Sync, V Sync TTL level on BNC connectors.
BANDWIDTH (-3dB):	450MHz.
MAX. OUTPUT LEVEL:	2.1Vpp/75Ω (R, G, B).
DIFF. GAIN:	0.13%.
DIFF. PHASE:	0.02Deg.
K-FACTOR:	<0.05%.
S/N RATIO:	82.3dB.
CROSSTALK:	55.9dB, all hostile.
CONTROLS:	Level: -0.8 to +6.3 dB; EQ.: 0 to +13.6 dB @50MHz.
COUPLING:	DC.
POWER CONSUMPTION:	12V DC, 100mA.
DIMENSIONS:	19" x 7" x 1U W, D, H, rack mountable.
WEIGHT:	2.36kg (5.2lbs) approx.
INCLUDED ACCESSORIES:	Power supply.

