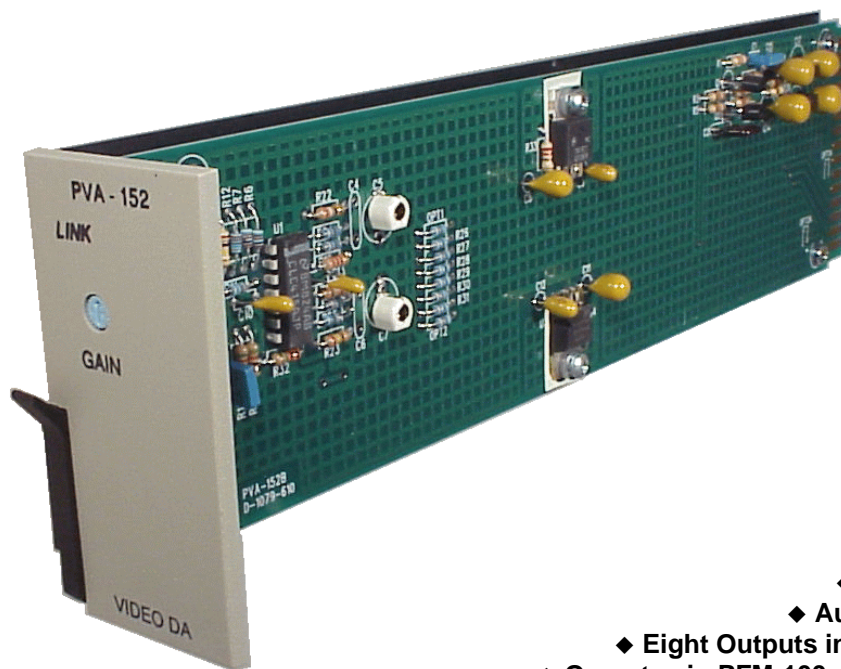




LINK ELECTRONICS, INC.

VIDEO DISTRIBUTION AMPLIFIER MODEL PVA-152



FEATURES

- ◆ Six Outputs
- ◆ Flat to 40MHz
- ◆ Differential Input
- ◆ Automatic DC Offset
- ◆ Eight Outputs in a PFM-210 Frame
- ◆ Operates in PFM-100, PFM-300, PFM-210

The PVA-152 Video Distribution Amplifier reflects the latest state of the art in engineering. The PVA-152 is an excellent utility video amplifier and provides outstanding performance. The "100" series products are designed to meet critical needs for all types of system applications.

The PVA-152/1 operates in the PFM-210 mounting frame. When operating in the PFM-210 frame there are eight outputs. The PFM-210 holds up to four PVA-152 modules.

The PVA-152 offers transparent transmission with a frequency response of greater than 40MHz. A differential amplifier on the input is standard and provides more than 70dB of common mode rejection. Internal jumpers select AC or DC coupling. A master gain control on the front panel adjusts the video level from -2dB to +6dB.

The companion audio DA for the PVA-152 is model PAA-652. The PAA-652 operates in the PFM-220 frame. The PAA-652 has eight outputs when operating in the PFM-220 mounting frame.

LINK ELECTRONICS, INC. ◆ 2137 Rust Avenue ◆ Cape Girardeau, MO 63703-7668
Phone 573 334 4433 ◆ FAX 573 334 9255

**MODEL PVA-152
VIDEO DA**

SPECIFICATIONS

INPUT:

Video: 1.0 V p-p \pm 3dB
Impedance: >100K Ω , Bridging
Common Mode Range: 5Vp-p (60Hz)
Maximum DC In: \pm 4VDC
CMRR: >70dB @ 60Hz
Coupling: AC, selectable DC

Ringing: <0.5%
High Freq. Overshoot: <0.5%
Coupling: . . . DC Servo, Avg. DC Output=0
Residual DC on Video: . . <4mV, Typical 1mV
Low Freq. Bounce: . 10 to 90% APL @1Vp-p
Propagation Delay: 10.2nS

OUTPUTS:

Number: Six
..... Eight outputs in PFM-210
Level: Unity Gain, +6dB, -2dB

FRONT PANEL CONTROLS:

Gain: +6dB to -2dB

AMPLIFIER PERFORMANCE:

Frequency Response: \pm 0.2dB to 20MHz
..... \pm 1.0dB to 30MHz
..... \pm 2.0dB to 40MHz
Differential Gain: <0.2%
Differential Phase: <0.1°
DC Gain Stability: \pm 0.1dB
Noise: >60dB, below 1.0Vp-p
Hum: >70dB, below 1.0Vp-p
Output isolation: >-40dB at 3.59MHz
Return Loss: >40dB to 6dB
..... 39dB to 20MHz
Tilt: <0.5%

ENVIRONMENTAL:

Temperature: 0° TO 50°C, Ambient
Humidity: 0% to 90% non-condensing

POWER:

DC Voltage +8VDC (50mA)
..... -15VDC (30mA)

MECHANICAL:

High: 2.875"
Wide: 1.5"
Deep: 11.875"
Weight: 7.5oz.

Mounting: Mounts in 100, 300, 600 or 210 frame.
(600 frame requires rear cells).

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modular system products--by LINK**

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