



## **VDA-210-BALIN and VDA-210-EQ-BALIN**

### **Equalizing, Video, Pulse Distribution Amplifier with Back-porch Clamp**

- Over **20 MHz Band-Width** for the distribution of video, pulses and subcarrier for NTSC, PAL and SECAM as well as AES/EBU digital audio.
- High impedance loop-through input and **8 outputs** with source terminations of 75 Ohms.
- **124 Ohm balanced input option, -BALIN.** Plugs into the UTIL-200-BALIN-2RU-AC Tray.
- **Equalizer** for up to **1000 feet** of 124 Ohm cable.
- **Back-porch clamp** with **60 V hum cancellation.**
- Video present LED indicator.
- Plugs into the MULTIDYNE UTIL-200-BALIN-2RU-AC, 10 module, 8 output tray with 2 redundant power supplies and the MULTIDYNE UTIL-200-BALIN-2RU-48VDC, 10 module, 8 output tray with 2 redundant power supplies.
- 90-250 VAC Auto-ranging Power Supply and 48 VDC Power Supply available for all trays.
- Exceptionally versatile for NTSC, PAL, SECAM and composite or component television systems.

#### **SPECIFICATIONS**

Bandwidth, 3 dB .....	22 MHz
Frequency response	
10 Hz to 5 MHz .....	+/-0.025 dB
5 MHz to 8 MHz .....	+/-0.05 dB
8 MHz to 10 MHz .....	+/-0.2 dB
18 MHz .....	-1 dB
Clamp type.....	Back-porch, sampling, feedback
Equalization Range 8281 type cable.....	0 - 1000 Ft with single control
Equalization Range RG-59U type cable .....	0 - 1000 Ft with single control
Equalization Accuracy	
10 Hz to 5 MHz .....	+/- 0.05 dB
5 MHz to 8 MHz .....	+/- 0.10 dB
8 MHz to 10 MHz .....	+/- 0.20 dB
Differential Gain .....	<0.1 %
Differential Phase .....	<0.1 °
Line or Field Tilt .....	<0.5 %
Signal to Noise .....	> 80 dB
Common Mode Rejection (60 Hz).....	>66 dB
Return Loss, to 5 MHz .....	>42 dB
Power consumption, MAX.....	2 Watts



**In the USA and Canada call 1-(800)-4TV-TEST**

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