

## ANALOG AUDIO/VIDEO MODULATOR

### VAM01/DV

#### Technical Characteristics

##### **General characteristics:**

Output frequency	IF (depending on video standard)
Output level of video carrier	-10 to +5 dBm adjustable
Output frequency stability	$\pm 50$ Hz
Output impedance	50 $\Omega$
Output connector	BNC
Harmonic and spurious emissions	$\leq -60$ dBc
In band intermodulation (3 tone CCIR test)	$\leq -62$ dBc

##### **Video characteristics:**

Input connector	BNC unbalanced
Input impedance	75 $\Omega$
Input signal level	1 Vp.p.
Input return loss	>30 dB
Differential gain	$\leq \pm 0.5$ %
Differential phase	$\leq \pm 1^\circ$
Amplitude frequency response (in the vision band)	$\leq \pm 0.5$ dB
Group delay frequency response (in the vision band)	$\leq \pm 20$ nS
S/N ratio	> 65 dB
2T K factor	$\leq 1$ %
Luminance non linearity	$\leq 0.5$ %

##### **Audio Characteristics:**

Input connector	XLR balanced
Input impedance	600 $\Omega$
THD (50 KHz peak deviation at 1 KHz)	$\leq 0.3$ %
S/N (50 KHz peak deviation at 1 KHz)	$\geq 65$ dB
Deviation from preemphasis curve (20 Hz to 15 KHz)	$\pm 0.5$ dB

##### **Operating conditions:**

Operating voltage	110/220/240 Vac $\pm 10\%$ , 50/60 Hz single phase
Power Consumption (at maximum power)	27 VA
Operating temperature	$-5^\circ \div +45^\circ$ C
Humidity	95% max

## Mechanicals:

Dimensions (WxHxD)	482 x 45 x 375 mm
Weight	3.2 kg

Features and specifications subject to change without notice.

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