



4361

DSB TV modulator MT27P

PRODUCT VISUAL



PRODUCT DESCRIPTION

TV modulator for audio/video signals

FEATURES

- Dual side band
- Full range

TECHNICAL SPECIFICATIONS

RF Output

Level/Impedance: 85 dB μ V / 75 Ohm

Level adjustment: -15 - 0 dB

Video input

Frequency range: 20 Hz - 6 MHz

Level/impedance: 1 V +/- 1 dB / 75 Ohm

Audio input

Frequency range: 20 Hz - 15 kHz

Level/Impedance/Deviation: 775 mV RMS / 10k Ohm / 50 kHz

Carriers accuracy

+/- 50 kHz

Audio frequency response precorrection:

50 μ s

Finetuning range of video carrier frequency:

Max. 2.25 MHz, by 0.25 MHz step

Adjusting A/V ratio:

12 $\pm$ 3 dB / 16 $\pm$ 3 dB

Amplitude modulation depth (typ.):

81%

Signal/Noise ratio:

$\geq$ -55 dB

Power consumption

230 V / 50 Hz / 3 VA

Mains voltage

198 - 250 V

Intermodulation distortion

II order: < -60 dB

III order: < -60 dB

Operating temperature:

-10° C - +50° C

Weight:

0.37 kg (packed)

Dimensions:

78 x 47 x 118 mm (packed)