

# MOD Series

**Self-powered modulator which generates an RF channel with the Audio and Video information coming from a Video, DVD, IRD, video door entry system, security cameras, etc.**

**APPLICATIONS**

This modulator enables the reception of a signal coming from a receiver with Audio and Video output, on a TV set without Audio and Video input. The antenna signal from an outlet socket can be combined with a newly generated channel and both are delivered at the output, thus enabling their coaxial cable distribution throughout the dwelling.

**CHARACTERISTICS**

- Double side band modulation, allowing one channel spacing operation.
- Compact design, making it easy to install.
- The output channel is easily programmed by two buttons and an alphanumeric display.
- Audio volume can be adjusted to be equalised with the volume of other programmes.
- Incorporates a video-test bar generator making TV tuning easier.
- Multi-standard and multi-band, with one single model covering all standards and channels.
- A PLL circuit ensures high stability of the output channel.



Supply voltage	230 Vac + 10 ÷ -15%
Power consumption	3 VA
Operating temperature range	-10 ÷ +50° C

MODEL		MOD 500
Reference		86515
Output channel		E2-E4 / E5-S20 / 21-69
Standard		B / G / H / D / K / I / L / M / N
Output level	dBµv	60 ÷ 75 (adjustable)
IN-OUT covered band	MHz	2 -2150 MHz
IN-OUT insertion losses		
15 - 47 MHz	dB	< 2,5
47-2150 MHz		< 1,5
RF input/output impedance	Ω	75
RF input/output connectors		F(f)
Video input level	Vpp	0,9 ÷ 1
Video input impedance	Ω	75
Audio input level	mV	150 ÷ 775
Adjustable audio deviation	KHz	± 50
Audio input impedance	kΩ	10
Audio and Video input connectors		RCA (f)
S/N ratio	dB	≥ 55 dB
Packing dimensions	mm	100 x 150 x 44
Weight	kg	0,4

