

# AVE Home

**Digital Modulator to convert an A/V signal into a DVB-T channel.**

**APPLICATION**

Processes A/V signals from Satellite Receivers, Computers, Cameras or DVD Players into COFDM signals, in home and hospitality applications.

**CHARACTERISTICS**

- Fully configurable bitrates.
- Powerful multiplex configuration.
- RF input combiner.
- Logical Channel Numbers (LCN)
- Excellent modulation quality MER ≥ 42dB.
- LCD display & local configuration.
- Well ventilated, pressed metal chassis.
- Backup/Restore saved configurations.
- The package includes 3RCA-3RCA cable and power supply.
- It is possible to install several units in cascade.



HEADENDS

MODEL	AVE Home	
Reference	86531	
<b>ENCODING SECTION</b>		
Video encoding	MPEG-2 & MP@ML (4:2:0)	
Input	CVBS X1	
Resolution	720x576_50i (PAL);720x480_60i (NTSC)	
Audio encoding	MPEG 1 Layer II	
Interface	1 x mono/Stereo	
Sample rate	KHz	48
Bit rate	Kbps	64, 96, 128, 192, 256, 320
<b>MODULATOR SECTION</b>		
Standard	DVB-T, COFDM	
FFT mode	2K, 8K	
Bandwidth	MHz	6, 7, 8
Constellation	QPSK, 16QAM, 64 QAM	
Guard interval	1/4, 1/8, 1/6, 1/32	
FEC	1/2, 2/3, 3/4, 5/6, 7/8	
MER	dB	≥ 42
RF frequency	30÷960 MHz, 1 KHz step	
RF output level	71÷91 dBμV, 0.1dB step	
Local interface	LCD + control buttons	
Power supply	DC 12V	
Dimensions	mm	153 x 110 x 50
Weight	Kg	1

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