

Product
COFDM Modulator



Product information

- Digital Terrestrial TV modulator (VHF - UHF)
- Frequency range: 47-862 MHz.
- Output level: 85 dBμV.
- Selectable Video/Audio PID.
- Editable Channel name.
- 16QAM and 64QAM.
- DVB-T compatible.
- High frequency stability.
- Friendly programming.
- Low power consumption (<16W).

Technical specifications

INPUT	
Video input	CVBS S-VHS
Video input level	0.5 – 2 Vpp
Video mode	PAL / NTSC
Audio input	STEREO
Audio input level	0.4 – 4.8 Vpp
Input connectors	VIDEO (RCA or S-VHS) AUDIO (2 x RCA)
Input impedance	75 Ohm
MODULATION	
Video resolution	PAL 720 x 576 @ 25 fps NTSC 720 x 580 @ 30 fps
Video compression	MPEG2 MP@ML
Audio compression	MPEG 1 LAYER II
PSI/SI generation	PSI: PAT, PMT; SI: SDT, NIT
LCN	YES
Standard	ETSI EN 300 744 V1.5.1
Carrier	2K
Guard intervals	1/4, 1/8, 1/16, 1/32
Code rate	1/2, 2/3, 3/4, 5/6, 7/8
Constellations	16QAM / 64QAM

OUTPUT	
Frequency range	47 - 862 MHz
Output level	85 dB μ V
Output impedance	75 Ohm
Channel Bandwith	7-8 MHz
Output level adjustment	15 dB typ.
MER	30 dB typ.
Fine tuning	1 KHz
Connector type	"F" female
POWER SUPPLY	
Power supply	AC Adaptor 230V _{AC} - 7.5V _{DC}
Consumption	1.2A @ 7.5V _{DC}
GENERAL	
Temperature range	0 ~ +45 °C
Languages	Spanish / English / Portuguese / Italian / German /Polish /Slovak / Catalan / Galician / Basque
Dimensions / Weight (product)	160x157x42mm / 0.6 Kg
Dimensions / Weight (packed)	218x200x74mm / 0.9 Kg

