



DM-141

Description

Digital modulator designed to generate a digital terrestrial TV channel in DVB-T from one A/V signal. Can be programmed using built-in keyboard and display.

Applications

It modulates the audio and video signal of a satellite receiver, DVD, video or surveillance camera, in order to distribute it in the TV installation of the house. The audio and video signals are obtained from RCA connector from the video source.

Characteristics

The output channel can be selected by means of switches. Programs codified in MPEG-2. Essential features of this equipment are the high carrier to noise ratio together with a very reduced spurious level in the band. F type connector. RCA connectors for audio/video.

CODE		9510069
MODEL		DM-141
A/V input		
Video encoding		MPEG-2 MP@ML(4:2:0)
Video resolution		720x576_50 i(PAL), 720x480_60 i(NTSC)
Video bit rate	Mbps	1.000.. 19.500
Audio encoding	MHz	MPEG1 layer II
Audio sample rate	KHz	48
Audio bit rate	Kbps	64, 96, 128, 192, 256, 320, 384
Interface		3xRCA female connector (CVBS)
COFDM modulator		
TV system		DVB-T
Modulation		QPSK, 16QAM, 64QAM (DVB:EN300744)
F.E.C.		1/2, 2/3, 3/4, 5/6, 7/8 (DVB:EN300744)
Guard Interval		1/32, 1/16, 1/8, 1/4 (DVB:EN300744)
MER	MHz	≥42
Output RF		
Output connector		F female
Frequency range	MHz	30.. 960
Frequency step	MHz	1
Bandwidth	MHz	6, 7, 8
Output level	dBμV	92
Output level adjust	dB	20
Through loss in the mixture	dB	10 ±1
General features		
Data interface		USB
Power supply	V---/mA	12 / 2000
Operating temperature	°C	0.. 45
Units per packaging		1
Packing weight	Kg	0.900
Packing dimensions	mm	203 x 182 x 150