



AV-COFDM digital modulator

1 in HDMI+LOOP

art. 07-912
DM-A HD

It allows modulation of an audio/video signal in HD format (from Video surveillance cameras, HD SAT receivers, DVD and Blu-ray players, etc.) in a HD COFDM digital channel.

Equipped with input with HDMI connector.

The HDMI input is equipped with LOOP that allows to connect the TV without having to add an HDMI splitter.

The device allows the modulation of the output channel in the VHF or UHF bands.

The RF output signals is modulated in DVB-T or in DVB-C standard with MPEG-4 H.264 (1080p) compression. Ability to set the LCN.

Programming via integrated LCD display and keyboard.

Realized in a shielded housing equipped with an automixing RF output with screw F-type connectors.



Code		07-912
Item		DM-A HD
VIDEO		
Video Input		HDMI
Video Output (loop)		HDMI
Resolution modes		480i/p - 576i/p - 720p - 1080i/p
Compression		H.264 - bitrate 12 Mb/s max
AUDIO		
Audio Input		HDMI
Compression		AAC-LC / MPEG-2 bitrate 192 Kb/s
ENCODING		
Configuration		Service and Network name, Provider Name, TSID, ONID, NID, LCN, NIT version, Audio and Video PID, Private Data, Country
MODULATION		
Carriers		2K, 8K
Guard interval		1/4, 1/8, 1/16, 1/32
FEC		1/2, 2/3, 3/4, 5/6, 7/8
Constellation		QPSK, 16QAM, 64QAM
OUTPUT		
Output channel		1
Channel name		Max 32 characters
LCN	n.	1÷999
COFDM standard		DVB-T
Output frequency	MHz	177 ÷ 858 (VHF+UHF band)
Output level	dBuV	75÷95
Bandwidth	MHz	6, 7, 8, 7-8
MER	dB	> 30
MIX RF		Yes
Throughpass loss	dB	2
Connectors		Screw F-type
CONTROL		
Control and programming		LCD display and 6 buttons
GENERAL		
Dimensions (LxWxH)	mm	170×110×30
Packaging dimensions (LxWxH)	mm	275x180x70
Packaging weight	Kg	0,79
Power supply	Vdc	12
Max consumption	W	12
Fit temperature	°C	+5 ÷ -40
SUPPLIED POWER UNIT		
DC connector	mm	2,1
AC mains		100÷240V~ 0,5A, 50÷60 Hz
Delivered voltage and current		12Vdc 1A

Example of application

