



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

