

912 TV-SAT AND MODULATOR EQUIPMENT

DIGITAL MODULATOR 2XAV DVB-C



Code : **9120210**

Model : **DM-302**

Description

Digital modulator designed to generate a cable TV channel in DVB-C from one or two audio/video signals. Can be programmed using PC software and a wireless programmer.

Applications

Collective TV installations by digital cable where it is necessary to generate an entire DVB-C channel containing one or two services generated locally from SAT receivers, DVD or video-surveillance cameras. Compatible with all collective TV installations since the channels can be distributed throughout the 47 to 862MHz band.

Characteristics

Outstanding quality of the generated output channel. Audio/Video signal inputs (PAL, NTSC, SECAM) by means of 3.5 minijack connectors. Zamak chassis with metal side covers. F-type connectors. Supplied with diplexing and multiplexing bridges.

CODE		9120210		
MODEL		DM-302		
A/V input				
Number of inputs		2		
Input connector		A/V minijack		
Video input signal		CVBS		
Video input standard		PAL/SECAM/NTSC		
Video input level	Vpp	0,5 - 1,4		
Video codification		MPEG-2/H.262 (ISO/IEC-13818-2 MP@ML)		
Resolution		PAL/SECAM: 720x576 @25fps NTSC: 720x480 @30fps		
Audio input level	Vpp	0,3 - 1		
Audio codification	dB	MPEG-1/Layer 2 (ISO/IEC-11172-3)		
DVB-C modulator				
TV system		DVBC EN300429		
Modulation		16 - 32 - 64 - 128 - 256 QAM		
Bandwidth	MHz	9.2 max		
MER	dB	38 ±2,0		
Symbol rate	Mbaud	1..8		
Output RF				
Output connector		F female		
Frequency range	MHz	47-862		
Frequency step	MHz	0,25		
Output level	dBμV	80 ±2,0		
Output level adjust	dB	20		
Spurious in band	dB	>60		
Roll off factor	%	15		
Carrier / Noise ratio (C/N)	dB	38		
Diplexing through loss	dB	0.9 ±0,1		
General features				
Power supply	V _{DC}	+3,3	+5,2	+12
	mA	1050	775	50
Operating T close equipment		-10..+65		
Room T with / without fan		-10..+55/+45		
Protection index		IP30		
Units per packing		1		
Packing weight	Kg	1.22		
Packing dimensions	mm	270 x 170 x 38		