912 TV-SAT AND MODULATOR EQUIPMENT

DIGITAL MODULATOR 2XAV DVB-T



Code : **9120194**

Model : **DM-102**

Description
Digital modulator designed to generate a digital terrestrial TV channel in DVB-T from one or two audio/video signals. Programmable using PC software and a wireless programmer.

Applications
Collective digital terrestrial TV installations where it is necessary to generate an entire DVB-T channel which contains one or two services generated locally from SAT receivers, DVD or videosurveillance cameras. Compatible with all collective TV installations since the channels are distributed throughout the terrestrial band: BI, BIII, BS and UHF.

Characteristics
Outstanding quality of the generated output channel. Audio/Video signal inputs via 3.5 mm mini-jack connectors. Zamak chassis with metal side covers. F-type connectors. Supplied with diplexing and multiplexing bridges.

CODE		9120194		
MODEL		DM-102		
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	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)		
COFDM modulator				
TV system		DVB-T / DVB-H DVB: EN 300744		
Output offset	MHz	-1/6, -1/8, 0, +1/8, +1/6 DVB-T		
Mode		2K, 8K, 4K (DVB-H) DVB: EN 300744		
Modulation		QPSK, 16QAM, 64QAM DVB: EN 300744		
F.E.C.		1/2, 2/3, 3/4, 5/6, 7/8 DVB: EN 300744		
Guard interval		1/4, 1/8, 1/16, 1/32 DVB: EN 300744		
MER	dB	39 ±2,0		
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		
Bandwidth	MHz	8, 7, 6, 5 DVB-H		
Through loss in the mixture	dB	0,9 ±0,1		
General features				
Power supply	V⎓	+3,3	+5,2	+12
	mA	1050	835	50
Operarting 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		