

912 DIGITAL MODULATOR EQUIPMENT 912-DM



A/V to DVB-T Modulator



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 video-surveillance 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 $\overline{--}$	+3,3	+5,2
	mA	1050	835
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	

Programmable with PS-011 and ASP software