912 TV-SAT AND MODULATOR EQUIPMENT

DVB-S/S2 TO DVB-T TRANSMODULATOR



Code : **9120145**

Model : **TT-201**

Description
Transmodulator of unencrypted satellite digital television services to terrestrial digital television. Each module selects the free-to-air services of a DVB-S/S2 satellite transponder and includes them in a DVB-T channel. Programmable using PC software and a wireless programmer. Applications Collective terrestrial digital television installations where it is necessary to distribute FTA satellite television services while avoiding the installation of satellite receivers. Compatible with all collective TV installations since the channels can be distributed throughout the terrestrial band. Characteristics Automatic error-detection system which greatly reduces maintenance work on the installation. Generated output channel of outstanding quality. Zamak chassis with metal side panels. F-type connectors. The equipment can be assembled quickly and easily.

CODE		9120145
MODEL		TT-201
TV system		DVB-S / DVB-S2 ⟶ DVB-T/DVB-H EN 300421 EN 302307 EN 300744
DVB-S/S2 receiver		
Frequency range	MHz	950 - 2.150
Frequency step	KHz	1
LNB power supply	V⎓	+12
	mA	350 máx
Symbol rate	Mbaud	1..45
Diplexing through loss	dB±TOL	1.0 ±0,2
DVB-S2 receiver		
Input level	dBµV	45..95
	dBm	-63..-13
F.E.C. QPSK		Auto, 1/2, 3/5, 2/3, 3/4, 4/5 5/6, 8/9, 9/10 DVB: EN 302307
F.E.C. 8PSK		Auto, 3/5, 2/3, 3/4, 5/6, 8/9, 9/10 DVB: EN 302307
Roll-Off	dB	0,35/0,25/0,20
DVB-S receiver		
Input level	dBµV	40..95
	dBm	-68..-13
F.E.C. QPSK		Auto, 1/2, 2/3, 3/4, 5/6, 7/8 DVB: EN 300421
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

CODE		9120145		
MODEL		TT-201		
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		
RF output				
Frequency range	MHz	47-862		
Frequency step	MHz	0,25		
Output level	dBµV	80 ±2,0		
Ouput 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	1200	390+CAM	70+LNB
Operating temperature close to equipment		-10..+65		
Room temperature with/ without fan		-10..+55/+45		
Protection index		IP30		
Units per packing		1		
Packing weight	Kg	1,4		
Packing dimensions	mm	270 x 170 x 38		