

NP100

100 products in 18 months



REF.563501

T.OX TRANSMODULATOR DVB-S2 / QAM CI

The transmodulator generates a multiplex QAM based on services originally transmitted in a satellite TV transponder. By using a conditional access module (CAM), it is possible to obtain decoded services at the output of the unit.

■ Adaptation of the Transport Packet to the DVB-C requirements by:

- Insertion of Null packets ("Stuffing") for faster scanning, either for the STB, or for the STB using fixed Symbol Rate.
- Elimination either total or selective of MUX services received, so that they will not be detected (and memorized) by the STB.

■ Edit TS_ID , to facilitate detection of programs / services in the STB or TV with DVB-C tuner, which makes channel scanning as a function of that identifier.

■ Edit both Original Network_ID and Network_ID, to control network IDs.

- Provides information about the occupation of each service and total occupation of the QAM output signal, allowing optimization of distributed services.



REF	DESCRIPTION	EAN 13 CODE
563501	T.OX TRANSMODULATOR DVB-S2/QAM CI	8424450148792

T.0X TRANSMODULATOR DVB-S2 / QAM CI

TOTAL CONTROL OF THE CONTENT OF THE OPERATOR SERVICES

OPTIMUM FLEXIBILITY AND ADAPTATION FOR CATV DISTRIBUTION NETWORKS

TECHNICAL SPECIFICATIONS

Reference				563501		
SAT INPUT	SAT	Input Frequency	MHz	950 ... 2150		
		Frequency steps		1		
		Input level	dBμV	49 - 84		
		LNB powering	Vdc	17/13/OFF (22KHz ON/OFF)		
	DVB-S	Modulation		QPSK		
		Symbol rate	Mbaud	2 - 42,5		
		Convolutional Code (inner FEC)		Viterbi (1/2, 2/3, 3/4, 5/6, 7/8)		
		Block Code (outer FEC)		RS (188/204)		
		Roll-Off	%	35		
	DVB-S2	Modulation		QPSK / 8PSK		
		Symbol rate	Mbaud	10 - 30		
		Convolutional Code (inner FEC)		LDPC (1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10)		
		Block Code (outer FEC)		BCH (Bose-Chaudhuri-Hocquenghem)		
		Roll-Off	%	20, 25, 35		
	DVB-C OUTPUT	QAM	Modulation (Constellation)		16, 32, 64, 128, 256QAM	
			Symbol rate	Mbaud	<6,9	
Scrambling, Interleaving			DVB EN 300429			
Block Code (outer FEC)			RS(188, 204)			
Roll-Off			%	15		
PCR Correction			yes			
Services deleting			yes			
Network_ID, Original Network_ID			Editables			
Op_ID, TS_ID			Editables			
Spectral inversion			Normal, Inverted			
Bandwith			MHz	< 8		
Output frequency		46 - 862				
RF		Frequency steps	KHz	250		
		Output level (max)	dBμV	80 tip.		
		GENERAL		Powering	Vdc	24
		Consumption	mA	300 (no powering neither LNB nor CAM)		
		Protection index	IP	20		



Before turning on the power for the unit, insert the card into the CAM to the bottom, with its contacts towards the left and forward, as can be seen in the figure.

