



Televes reserves the right to modify the product

Twin Transmodulator equipped with remultiplexing

DVBT/T2 - DVBC (QAM Annex A)
equipped with CI

Transmodulator generating one or two DVB-C multiplexes from the multiplexing of the services available in 2 different DVB-T or DVB-T2 muxes.

Ref.565201

Art.Nr

UC2QA-T2-CI

EAN13

8424450170670

Highlights

- Total or selective removal of the services present in the received transponder, to avoid them being detected (and memorized) by the receivers (STB)
- Editable TS_ID, which makes programme/service detection easier on the receiver (STB), since the channel scan is based on this identifier
- LCN (Logical Channel Number) allows the assignment of the services present in the output to an LCN, which makes the ordering of the channels easier on the receivers (STB)
- Provides information regarding both the occupation of each specific service and the global output occupation, which allows the optimization of the services being distributed
- Can be remotely controlled using CDC (Headend control)
- Device monitoring and signal status LEDs

Main features

- Null packet insertion ("Stuffing") allows the receiver (STB) to perform a faster scan
- Provides information regarding both the occupation of each specific service and the global output occupation, which allows the optimization of the services being distributed
- Editable Network_ID, Original Network_ID and Cell_ID allow the control of network identifiers
- S_ID editable to prevent the receivers (STB) in an installation from retuning when the output-Multiplex's services

- are modified
- PID filtering allows the removal of undesired services inside a Multiplex (enhanced occupation use). Very interesting when combined with CAM use
 - DVB-T2 adaptation for television sets not equipped with a DVB-T2 tuner.

Technical specifications

DTT INPUT	DVB-T/T2	Frequency range	MHz	150...862
		Frequency steps		125, 166 (Selec.)
		Input level	dBμV	-60 ... -20
		Input loop-through losses	dB	≤ 1,5
		DVB-T Bandwidth	MHz	6, 7, 8
		DVB-T2 Bandwidth	MHz	1,7, 5, 6, 7, 8
		Input line powering for preamps	Vdc	0, 12, 24 (Selec)
		Input return losses	dB	> 10 típ.
		Input impedance	Ω	75
DVB-C OUTPUT	QAM	QAM Modulation (Constellation)		16, 32, 64, 128, 256
		Symbol rate	Mbaud	1 - 7,2
		Scrambling		DVB ET300429
		Interleaving		DVB ET300429
		FEC outer code		RS (188, 204)
		Roll-Off factor	%	15
		PCR Correction		Yes
		Services deleting		Yes
		Network_ID		Yes
		Original Network_ID		Yes
		Cell_ID		Yes
		TS_ID		Yes
		S_ID		Yes
		LCN		Yes
		PID		Yes
		Spectral inverson		Normal, Inverted
		Bandwidth	MHz	8.3
	RF	Output frequency	MHz	46...862
		Frequency steps	KHz	250
		Output level (max. typ.)	dBμV	> 85 ± 5
		Regulation margin	dB	> 15
		Output loop-through losses	dB	< 1,5
		Ouput return losses		> 10 típ.
		Output impedance	Ω	75
GENERAL	Powering voltage		Vdc	24
	Consumption		mA	450 (0 Preamp.- 0 CAM); 550 (0 Preamp. - 1 CAM) 600 (1 Preamp. - 1 CAM)
	Protection index		IP	20