Single transmodulator DVBS/S2 - DVBT, with/without CI

The transmodulator receives a SAT transponder in DVBS (QPSK) or DVBS2 (QPSK /8PSK) modulation and demodulates it, producing an MPEG-2 transport packet. The MPEG2 transport packet is subsequently modulated in COFDM and converted into the output channel (UHF or VHF, with a 7/8 MHz bandwidth), using an agile up-converter.

Ref.	563101
Logical ref.	UQC-S2-S
EAN13	8424450145630

Other features

Firmware	Generic
Interfaces	Without CI

Packaging info

Box	1 pcs.
Bucket	18 pcs.

Physical data

Net weight	916.00 g
Gross weight	916.00 g
Width	50.00 mm
Height	219.00 mm
Depth	176.00 mm
Main product weight	874.00 g

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

- S_ID editable to prevent the receivers (STB) in an installation from retuning when the output-Multiplex's services are modified

- Editable Network_ID, Original Network_ID and Cell_ID allow the control of network identifiers

- The encrypted satellite channels are transformed into free DTT services through the CI interface and the appropriate CAM module. Depending on the CAM type used (standard/professional), one or several services may be opened for free reproduction
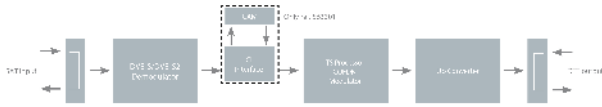
Application example

Distribution of 7 channels of DVBS2-COFDM CI T0X

The diagram shows the assembly for the distribution of 7 channels of DVBS2-COFDM (CI) T0X.

Graphic documentation

Block diagram