



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.	563301
Logical ref.	UQC-S2-CI-S
EAN13	8424450145203

Other features

Firmware	Generic
Interfaces	With CI

Packing

Box	1 pcs.
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Physical data

Net weight	1,056.00 g
Gross weight	1,056.00 g
Width	50.00 mm
Height	219.00 mm
Depth	177.00 mm
Main product weight	984.00 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

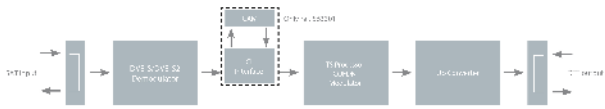
Application example

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