

WISI OH 86 2

Twin DVB-C/-T/-T2 - QAM transmodulator with CI



ELPAS



Description

Powerful technology, compact dimensions, modular and flexibly expandable; the WISI COMPACT HEADEND System OH combines all the advantages of an innovative and affordable headend. WISI Compact Headend OH is easy to configure. With up to 14 module slots it offers channel processing for 14 analogue or 28 digital channels in a 3 HU 19" rack chassis. WISI Compact Headend OH operates on a high efficiency power supply, with low consumption modules in order to make a minimum ecological impact and a low operational cost. The USB connection and the RJ45 interface can be used to execute software updates for the basic unit as well as for the modules. Furthermore, all functions can be furnished from a distance per web browser.

At a glance:

- Reception of two DVB-T / T2 / C signals and transmodulation into two QAM-TV channels (coupled)
- Input frequency range 110–878 MHz
- Output frequency range 47–862 MHz

Technical data

Input

Input frequency range	45...862 MHz
Input frequency steps	0,250 MHz
Output channel band width	6/7/8 MHz
channel bandwidth DVB-T2	1,7 / 5 / 6 / 7 / 8 MHz
Input level range	47...90 dB μ V
FEC DVB-C	Conv., RS 188, 204
QAM-Modulationsart	QPSK, 16QAM, 64QAM, 128QAM, 256QAM
QAM Symbolrate	1...7,2 Mbaud
FEC DVB-T	Conv., K=7, G=1/2, 2/3, 3/4, 4/5, 5/6, 7/8
Modulation schema DVB-T	QPSK, 16-, 64-QAM
Guard Intervall DVB-T	1/4, 1/8, 1/16, 1/32
FFT DVB-T	2k, 8k switchable
FEC DVB-T2	LDPC/BCH-Code 1/2, 2/3, 3/4, 4/5, 5/6, 3/5
Modulation scheme DVB-T2	QPSK, 16QAM, 64QAM, 256QAM
Guard Intervall DVB-T2	1/4, 1/8, 1/16, 1/32, 1/128, 19/128, 19/256
FFT DVB-T2	1k, 2k, 4k, 8k, 16k, 32k

Output

Output frequency range	45...862 MHz (channel A)
Output frequency steps	1000 kHz
Frequency stability	\pm 30 MHz
Output channel bandwidth (couplett)	2 x 8 MHz
Output level	85...103 dB μ V (Depending on QAM-symbol rate)
Amplitude response (O-E)	\pm 1 dB
Spurious suppression	\geq 50
S/N	\geq 45 dB
MER	\geq 40 dB
Modulation	16-, 32-, 64-, 128-, 256-QAM
Symbol rate	3,45...6,9 MS/s
Spectral inversion	normal or inverted
Interlacing	Conv., I=12
FEC outer DVB-S	RS-204, 188, 16
Bit stuffing	Yes
PCR correction	Yes
PID filtering and remapping	Yes
Editing transponder tables	Yes

Connectors

F-socket	3 pcs.
Common Interface	2 pcs.

General data

Power consumption	<10 W
Supply voltage DVB-T antenna	12 V DC (830 mA)
Dimensions (width x height x depth)	29,5x105x253 mm
Operating temperature range	-20...+55 °C

Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	3,5 x 1,8 x 0.8 mm
Packaging volume sales unit	dm ³
Gross weight sales unit	0.494 kg
Shipping unit	pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	2.681 dm ³
Gross weight shipping unit	0.59 kg
EAN	4010056730390
Article number	73039
Customs tariff number	8543709000