

WISI OH 85 H

Twin DVB-S/S2 – QAM transmodulator with CI



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-S/S2-signals and transmodulation into two DVB-C channels
- 2x CI slots for central decryption
- Input frequency range 950...2150 MHz
- Output frequency range 47...862 MHz
- MPEG 2 and MPEG 4 compatible
- PID filtering
- NIT and LCN generation

Technical data

Input	
Input frequency range	950...2150 MHz
Input frequency steps	1 MHz
Input level range	47...70 dB μ V
AFC	\pm 10 MHz
Modulation	QPSK, 8PSK
Symbol rate	QPSK: 1...53 MS/s; 8PSK: 1...45 MS/s; 16APSK: 1...35 MS/s; 32APSK: 1...28 MS/s
Spectral inversion	normal or inverted
FEC outer DVB-S	RS 204, 188, 16
FEC inner DVB-S	Conv. 1/2, 2/3, 3/4, 5/6, 7/8
FEC outer DVB-S2	BCH
FEC inner DVB-S2	LDPC 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10

Output

Output frequency range	45...862 MHz
Output frequency steps	500 kHz
Frequency stability	\pm 30 kHz
Output channel bandwidth (couplet)	2 x 8 MHz
Output level	85...103 dB μ V
Amplitude response (O-E)	1 dB
Modulation type	16-, 32-, 64-, 128-, 256- QAM
Symbol rate	3.45...6.9 MS/s
Spurious suppression	>50 dB
SNR	\geq 45 dB
MER	\geq 40 dB
Bit stuffing	Yes
PCR correction	Yes
PID filtering	Yes
LCN	Yes
NIT generation	Yes

Connectors

F-socket	3 pcs.
Common Interface for Descrambling	2 pcs.

General data

Power consumption	<10 W
LNB supply voltage	14/18 V (22 kHz), DiSEqC 1.0
LNB electrical power supply	0.5 A (without CAM)
Dimensions (width x height x depth)	29,5 x 105 x 253 mm
Operating temperature range	-20...+55 °C

Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	325 x 150 x 55 mm
Packaging volume sales unit	dm ³
Gross weight sales unit	0.587 kg
Shipping unit	pcs.
Dimensions (WxHxD) shipping unit	mm

Packaging data

Packaging volume shipping package	2.681 dm ³
Gross weight shipping unit	0.587 kg
EAN	4010056740429
Article number	74042
Customs tariff number	85437090