

WISI OH 85 H

Twin DVB-S/S2 – 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-S/S2-signals and transmodulation into to QAM-TV channels
- Re-multiplexing function
- 2 CI-interfaces
- Input frequency range 950–2150 MHz
- Output frequency range 47–862 MHz

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Technical data

Input

Input frequency range	950...2150 MHz
Input frequency steps	1 MHz
Input level range	47...70 dBμV
AFC	±10 MHz
Modulation	QPSK, 8PSK
Symbol rate	10...30 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	110...862 MHz
Output frequency steps	1000 kHz
Frequency stability	±30 MHz
Output channel bandwidth (couple)	2 x 8 MHz
Output level	85...103 dBμV
Amplitude response (O-E)	1 dB
Modulation type	16-, 32-, 64-, 128kōnpik-, 256-QAM
Symbol rate	3.45...6.9 MS/s
Spurious suppression	>50
SNR	≥45 dB
MER	≥40 dB
Interlacing	Conv., l=12
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
LNB supply voltage	12 V (max. 0,5 A)
LNB electrical power supply	0.5 A (without CAM)
Dimensions (width x height x depth)	29,5x105x253 mm
Operating temperature range	-20...+55 °C

Packaging data

Gross weight shipping unit	0.587 kg
EAN	4010056707514
Article number	70751
Customs tariff number	8543709000

Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	325 x 150 x 55 mm
Packaging volume sales unit	dm³
Gross weight sales unit	0.587 kg
Shipping unit	pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	2.681 dm³