

WISI OH 84

4ch DVB-S/S2 QAM transmodulator



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 4 DVB-S/S2 signals and transmodulation into 4 DVB-C channels
- Input frequency range 950–2150 MHz
- Output frequency range 47–862 MHz

WISI Communications GmbH & Co. KG

Wilhelm-Sihn-Str. 5-7
75223 Niefern-Oeschelbronn, Germany

Phone: +49 7233 66-280, Fax: -350
E-Mail: export@wisi.de

Technical Modifications reserved. WISI cannot be held liable for any printing error. 9. Dezember 2015, 10:49 vorm.

Technical data

Input	
Input frequency range	950...2150 MHz
Input frequency steps	1 MHz
Return loss IN	>8 dB
Isolation internal multiswitch	>30 dB
Input level range	47...90 dB μ V
AFC	\pm 10 MHz
Modulation	QPSK (EN300421), QPSK 8PSK (EN302307)16APSK, 32APSK
Symbol rate	MS/s 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 204-16
FEC inner DVB-S	1/2, 2/3, 3/5, 5/6, 7/8
FEC outer DVB-S2	BCH
FEC inner DVB-S2	(1/4, 1/3, 2/5, 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 (QPSK) /5, 2/3, 3/4, 5/6, 8/9, 9/10 (8PSK)/5, 2/3, 3/4, 5/6, 8/9, 9/10 (8PSK)/5, 2/3, 3/4, 5/6, 8/9, 9/10 (8PSK)
Output	
Output frequency range	45...862 MHz
Output frequency steps	250 kHz
Frequency stability	\pm 30 MHz
Output channel bandwidth (couple)	4 x 8 MHz
Output level	88...103 dB μ V
Amplitude response (O-E)	1 dB
Modulation type	32-, 64-, 128-, 256-QAM
Symbol rate	4,48..7,20 MS/s
Spurious suppression	>50 at QAM 256
SNR	\geq 45 dB
MER	\geq 40 dB
Interlacing	Conv., l=12
Bit stuffing	Yes
SI-Table handling	Yes
NIT generation	Yes
Connectors	
F-socket	5 pcs.
Common Interface	0 pcs.
General data	
Power consumption	<10 W
LNB supply voltage	14...18 V DiSEqC 1.0 / 22KHz
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

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	mm
Packaging volume sales unit	dm ³
Gross weight sales unit	0.587 kg

Packaging data

Shipping unit	pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	2.681 dm ³
Gross weight shipping unit	0.587 kg
EAN	4010056735470
Article number	73547
Customs tariff number	8543709000