



# WISI OH 79 2D

DVB-T / T2 / C analogue channel processing headends with CI  
(MPEG-4 and Dolby)



## 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 a DVB-T/ T2 / C-signal and modulation in an analogue TV-channel
- MPEG 2 and MPEG 4 compatible
- Dolby digital decoding
- 1x CI slot for central decryption
- NICAM Encoder
- Input frequency range 110–878 MHz
- Output frequency range 45...862 MHz
- Vestigial sideband modulator

## Technical data

### Input

Input frequency range	47...878 MHz
Input frequency steps	1 kHz
Input level range	35...90 dB $\mu$ V
Channel bandwidth	6/7/8 MHz
COFDM-Spectrum DVB-T	2 k/8 k/16 k/32 k FFT
COFDM modulation type	QPSK, 16QAM, 64QAM, -128QAM, 256QAM
COFDM Guard Intervall	1/4, 1/8, 1/16, 1/32, 1/128, 19/128, 19/256
FEC	LDPC/BCH-Code 1/2, 2/3, 3/4, 5/6, 3/5

### Output

Output frequency range	45...862 MHz
Output frequency steps	250 kHz
Frequency stability	$\pm$ 30 kHz
Output channel bandwidth (couple)	7/8MHz
Output level	90...105 dB $\mu$ V (1 dB-steps)
Amplitude response (O-E)	$\pm$ 1,5 dB
Spurious suppression	>55 dB
TV standards	B/G, D/K, I, L, M, N
Video Standard	PAL, SECAM, NTSC
Video formats	4:3/16:9/4:3 Zoom
Video decoder	MPEG 2 MP@ML, MPEG 4 H.264
audio decoding	MPEG 2 (L1/L2), Dolby (AC3, EAC3)

### Connectors

F-socket	2 pcs.
Common Interface for Descrambling	1 pcs.

### General data

Power consumption	10 W
LNB supply voltage	12 V
LNB electrical power supply	0.83 A
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 <sup>3</sup>
Gross weight sales unit	0.590 kg
Shipping unit	pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	2.681 dm <sup>3</sup>
Gross weight shipping unit	0.587 kg
EAN	4010056730215
Article number	73021
Customs tariff number	85437090