

WISI OH 86

Twin DVB-T/C – 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-T/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	110...878 MHz
Input frequency steps	250 MHz
Output channel band width	7/8 MHz
Input level range	47...90 dB μ V
COFDM-Spectrum DVB-T	2 k/8 k FFT
COFDM modulation type	QPSK, 16QAM, 64QAM
Modulation type	16-, 32-, 64-, 128-, 256-QAM
COFDM Guard Intervall	1/32, 1/16, 1/8, 1/4
COFDM FEC inner code	K=7; G= 1/2,2/3,3/4,4/5,5/6,7/8
QAM-Modulationsart	QPSK, 16QAM, 64QAM,- 128QAM, 256QAM
QAM Symbolrate	1...7 Mbaud
Output	
Output frequency range	47...862 MHz (channel A)
Output frequency steps	500 kHz
Frequency stability	\pm 30 MHz
Output channel bandwidth (couplett)	2 x 8 MHz
Output level	88...103 dB μ V (Depending on QAM-symbol rate)
Amplitude response (O-E)	\pm 1 dB
Spurious suppression	\geq 50 dB
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
FEC outer DVB-S	RS-204,188,16
Bit stuffing	Yes
PCR correction	Yes
PID filtering and remapping	Yes
LCN	Yes
NIT generation	Yes
Connectors	
F-socket	3 pcs.
Common Interface	2 pcs.
General data	
Power consumption	<10 W
Supply voltage DVB-T antenna	12 V DC (800 mA)
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	0.590 kg
Shipping unit	pcs.
Dimensions (WxHxD) shipping unit	mm

Packaging data

Packaging volume shipping package	2.681 dm ³
Gross weight shipping unit	0.59 kg
EAN	4010056715151
Article number	71515
Customs tariff number	85437090