

# WISI OH 89 2

Twin DVB-C/-T/-T2 - COFDM transmodulation with CI



## Description

### At a glance:

- Reception of two DVB-T / T2 / C signals and transmodulation into two COFDM-TV channels (coupled)
- Re-multiplexing function
- Input frequency range 45...862 MHz
- Output frequency range 470...862 MHz

## Technical data

Input	
Input frequency range	45...862 MHz
Input frequency steps	0,250 MHz
Output channel band width	6/7/8 MHz
channel bandwidth DVB-T2	1,7 / 5 / 6 / 7 / 8 MHz
Input level range	47...90 dB $\mu$ V
FEC DVB-C	
QAM-Modulationsart	QPSK, 16QAM, 64QAM, 128QAM, 256QAM
QAM Symbolrate	1...7,2 Mbaud
FEC DVB-T	Conv., K=7, G=1/2, 2/3, 3/4, 4/5, 5/6, 7/8
Modulation schema DVB-T	QPSK, 16-, 64-QAM
Guard Intervall DVB-T	1/4, 1/8, 1/16, 1/32
FFT DVB-T	2k, 8k switchable
FEC DVB-T2	
Modulation scheme DVB-T2	QPSK, 16QAM, 64QAM, 256QAM
Guard Intervall DVB-T2	
FFT DVB-T2	
Output	
Output frequency range	45...862 MHz (channel A)
Output frequency steps	250 kHz
Frequency stability	$\pm$ 30 MHz
Output channel bandwidth (couplet)	2 x 7/8 MHz
Output level	82...97 dB $\mu$ V (Depending on QAM-symbol rate)
Flatness	$\pm$ 1 dB
Spurious suppression	$\geq$ 50
S/N	$\geq$ 41 dB
MER	$\geq$ 37 dB
Modulation	QPSK, 16-, 64-QAM
FEC	1/2, 2/3, 3/4, 5/6, 7/8
Guard Interval	1/4, 1/8, 1/16, 1/32
FFT Mode	2k, 8k switchable
Bit stuffing	Yes
PCR correction	Yes
PID filtering and remapping	Yes
Connectors	
F-socket	3 pcs.
Common Interface	2 pcs.
General data	
Power consumption	<10 W
Supply voltage DVB-T antenna	12 V DC
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
	dm <sup>3</sup>

## Packaging data

Gross weight sales unit	kg
Shipping unit	pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	2.681 dm <sup>3</sup>
Gross weight shipping unit	0.59 kg
	cm
	N
EAN	4010056730406
Article number	73040
Customs tariff number	85437090
Country of origin	