

# WISI OH 84

4ch DVB-S/S2 - QAM transmodulator



## At a glance:

- Reception of 4 DVB-S / DVB-S2 signals and transmodulation into 4 DVB-C channels
- IF loop-through function
- PID filtering

Technical data	
<b>Input</b>	
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 dBμV
AFC	±10 MHz
Symbol rate	QPSK (EN300421), QPSK 8PSK (EN302307)16APSK, 32APSK 10...53 MS/s DVB-S. (1...45 MSps 8PSK, 1...35 MSps 16APSK, 1...28 MSps 32APSK)
Spectral inversion	normal or inverted
FEC outer DVB-S	
FEC inner DVB-S	1/2, 2/3, 3/5, 5/6, 7/8
FEC outer DVB-S2	BCH

Technical data	
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)
<b>Output</b>	
Output frequency range	45...862 MHz
Output frequency steps	250 kHz
Frequency stability	±30 MHz
Output channel bandwidth (couplett)	4 x 8 MHz
Output level	88...103 dBμV
Flatness	1 dB
Modulation type	32-, 64-, 128-, 256-QAM
Symbol rate	4,48...7,20 MS/s
Spurious suppression	>50 at QAM 256
SNR	≥45 dB
MER	≥40 dB

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## Technical data

Interlacing	Conv., l=12
Bit stuffing	Yes
SI-Table handling	Yes
	Yes

## Connectors

F-socket	5 pcs.
Common Interface	0 pcs.

## General data

Power consumption	<10 W
LNB supply voltage	14...18 V
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.
Packaging volume shipping package	2.681 dm <sup>3</sup>
Gross weight shipping unit	0.587 kg
EAN	4010056735470
Article number	73547
Customs tariff number	85437090

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