

WISI OH 16

16 ch DVB-S/S2 - QAM transmodulator



Description

At a glance:

- Reception of 16 DVB-S/S2 signals and transmodulation into 16 DVB-C channels
- Input frequency range 950–2150 MHz
- Output frequency range 47–862 MHz
- Integrated FM amplifier

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Technical data	
Input @fett	
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	{#}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	{#} 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 @fett	
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
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	{#} \geq 45 dB
MER	{#} \geq 40 dB
Interlacing	{#} Conv., l=12
Bit stuffing	{#} Yes
SI-Table handling	{#} Yes
NIT generation	{#} Yes
Connectors @fett	
F-socket	{#}20 pcs.
Output test point	{#}-20 dB
USB	{#}1 pcs.
RJ11	{#}1 pcs.
RJ45	{#}1 pcs.
Common Interface	{#}0 pcs.
General data @fett	
Power consumption	{#}<60 W
LNB supply voltage	{#}14...18 V
LNB electrical power supply	{#}0.5 A (without CAM)
Dimensions (width x height x depth)	{#}483x4,5x253 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	kg
Shipping unit	pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	dm ³
Gross weight shipping unit	kg
EAN	4010056739669
Article number	73966
Customs tariff number	85437090