

Order number: 2060000006

Open text field 1:



- Standalone headunit with built-in power supply unit
- Converts 8 QPSK/8PSK modulated DVB-S2 signals into eight QAM modulated DVB-C output signals
- Outstanding specification due to direct implementation as FPGA solution
- High level of energy efficiency, power consumption: Typical 28 W
- Four sat IF inputs, A/B/C/D configurable
- All transmission parameters can be adjusted using the USW 800 management program
- Fanless design for wall mounting (no running noise)
- To change the default configuration a USB-A connector/mini USB cable is required (not included)
- MPEG transport stream processor:

- For setting a constant output data rate (stuffing) with PCR correction

- With programme filter for masking individual TV and radio programmes



Hersteller: Kathrein

UFO 80

Product information "UFO 80"

UFO nano headend 8-way DVB-S(2) - DVB-C (J.83A)

Input: 4 x sat-IF - 8 frontends

Output 8 x DVB-C, 47-1006MHz (flexibly adjustable)

Type:	UFO 80
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Inputs:	-----
Sat IF input:	4 x F connector, 75 Ω
DVB-S frequency range:	950-2150 MHz
Decoupling:	Min. 25 dB
Input return loss:	Typ. 10 dB
DISEqC™ 1.0:	Vert./Horiz., Low/High; Sat. pos. (A/B/C/D)
Switching levels:	14/18, 0/22 V/kHz
Remote feed current:	Max. 100 (at F socket no. 1, 2, 4)
Remote feed current for LNB:	Max. 250 (at F socket no. 3) mA
Frontend:	-----
DVB-S1-S2:	8 x
Frequency grid:	1 (950-2150 MHz) MHz
Input level range:	60-110 dBμV
Permissible level difference:	12 dB
DVB-S demodulation:	-----
DVB-S standard:	EN 300 421
DVB-S input symbol rate QPSK:	2-45 MS/s
DVB-S code rate (Viterbi):	1/2, 2/3, 3/4, 5/6, 6/7, 7/8
DVB-S roll off:	35 %
DVB-S AFC regulation range:	±3 (symbol rate < 10 Ms/s); ±5 (symbol rate > 10 Ms/s) (950-2150 MHz)
DVB-S2 demodulation:	-----
DVB-S2 standard:	EN 302 307
DVB-S2 input symbol rate QPSK:	1-34 MS/s
DVB-S2 code rate (LDPC) QPSK:	1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10
DVB-S2 input symbol rate 8PSK:	1-31,5 MS/s
DVB-S2 code rate (LDPC) 8PSK:	3/5, 2/3, 3/4, 5/6, 8/9, 9/10
SVB-S2 roll off:	20/25/35 %
Programme filter/PID-filter:	•/•
PSI/SI processing:	PCR correction
Stuffing:	Automatic
QAM modulator:	-----
Modulator output channels:	8 x DVB-C (J.83A)
Modulator constellation:	16/32/64/128/256 QAM
Modulator symbol rate:	1,5-7,15 MS/s
Modulator roll off:	15 %
RF output DVB-C output:	1 x F-Connector, 75 Ω
RF output frequency range:	47-1006 (fine tuning in 125 kHz steps) MHz
RF output frequency range (channel list):	47-86/110-862 (set-up via channel list) MHz
RF output return loss:	14 (47 MHz) -1,5 dB/Okt. dB
RF output level:	97 dBμV
RF output level setting range:	-20 (in 0.5 dB steps) dB
RF output level stability:	Typ. ± 0,75 dB
RF output frequency stability:	35 ppm
RF output MER:	Typ. ≥ 45 dB
RF output shoulder attenuation:	≥ 60 (at normal level) dB
RF output spurious emissions:	≥ 60 dB
Power consumption:	Typ. 28 W
Temperature range:	0 to +40 °C
Power supply voltage:	230 ± 10% V
Dimensions (W x H x D):	288 x 275 x 60 mm
Weight:	3,0 kg

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Mehr Bilder zu "UFO 80"

