**Open text field 1:**

Standalone headunit with built-in power supply unit

Converts eight QPSK/8PSK modulated DVB-S2 signals into eight freely assignable QAM modulated DVB-C output signals

TV and radio programmes pre-programmed

Outstanding specification due to direct implementation as FPGA solution

High level of energy efficiency, power consumption: Typical 28 W

All transmission parameters can be adjusted using the USW 800 management program

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

Fanless design for wall mounting (no running noise)

Mode indicator LED

Lightning protection circuit at output

Remote feeding for LNB and multi-switch

**Order number:** 20610142

**UFO 828**

**Product information "UFO 828"**

UF0compact plus 8-way EDGE-QAM DVB-IP - DVB-C - Input: 1GB Ethernet, 8x MPTS - Uni/Multicast - Max. input data rate/TS: 80Mbps - Output: 8x DVB-C;

**Type:** UFO 828

**Order no.:** 20610142

**Max. input data rate per transport stream:** 80 Mbit/s

**Level stability:** ± 0.8 dB

**TS inputs:** 8 x MPTS/SPTS

**Frequency range:** 47-1006 (fine tuning in 125 kHz steps) MHz

**Output:** 1 x F-Connector, 75 Ω

**MER:** ≥ 45 dB

**Shoulder attenuation:** ≥ 60 (at normal level) dB

**Frequency range (channel list):** 47-86110-862 (set-up via channel list) MHz

**Protective shut-down:** > 70 °C

**Output channels:** 8 x DVB-C (J.83A)

**Dimensions (H x W x D):** 265 x 36 x 220 mm

**Power consumption:** Typ. 16 (an 12 V) W

**Frequency stability:** 35 ppm

**Output level:** 97 dBµV

**Protocols:** UDP/RTP

**Stuffing:** Automatic

**Code rate:** -

**Transmission method:** Unicast/Multicast

**PSI/SI processing:** Cable NIT, LCN, PCR correction, CAT

**Symbol rate:** 2.25-7.25 Mbit/s

**IP:** 1 GB Ethernet, 1000BaseT

**IP services:** IPv4, ARP, Ping, SAP, IGMP

**Spurious emissions:** ≥ 60 dB

**QAM modulator:** -------------------------------

**Temperature range:** -20 to +50 °C

**Manually editable SID:** For channel list structure

**Roll off:** 15 %

**Input:** ---------------------------------------

**Return loss:** (47 MHz) -1.5 dB/Okt. dB

**Guard interval:** -

**Constellation:** 16/32/64/128/256 QAM

**Output level setting range:** -20 (in 0.5 dB steps) dB

**Weight:** 1.1 kg