



## DVB-T2/PAL TM TWIN CI

Converter card for 2 SD/HD terrestrial channels, converted to 2 analogue PAL channels

EAN	Colour	Item no.	Weight (Box)	Weight	Device (W x H x D)	Box
4019588259881	silver	0002/5988	882 g	580 kg	40 x 5 x 11 cm	47 x 9 x 17 cm

### TUNER (DVB-S2)

DVB-S2 demodulator: EN 302 307

Demodulation: 8PSK, QPSK

Symbol rates: 2 ... 45

Roll off factor: 0,20; 0,25; 0,35

FEC Code rate (LDPC): 1/4, 1/3, 2/5, 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10

FEC block size: 64 kB

Outer coding (BCH): GF(2<sup>16</sup>), t=8, 10, 12

### AMBIENT OPERATING CONDITIONS

Ambient temperature: 0 ... 45 °C

Humidity: 10 ... 90 %

### DECODER

Audio decoder: MPEG-1 Layer I, II

Video decoder: MPEG-2, H.264

### DECRYPTION SYSTEM

CI: 2x Yes

### GENERAL CHARACTERISTICS

Top features: Umsetzen von 2 Terrestrisk-Programmen in 2 PAL B/G Kanäle

Top features: MPEG-2, H.264 Decodierung

Top features: 2 x CI (getrennt nutzbar)

Top features: Programmierung über Web-Interface oder Handprogrammer

Top features: 2 x Common Interface (getrennt einstellbar)

### RECEPTION TECHNOLOGY

Decoder: 2

### RF MODULATOR

Modulation: CCIR PAL B/G

### RF OUTPUT CONVERTER

Output frequency: 48 ... 860 MHz

Output level: 81 ... 90 dB

Harmonic product:  $\leq -50$  dB typisch

Noise:  $\leq 45$  typisch

C/N:  $\geq 45$  dB typisch

### TUNER DVB-C

input: F female

Impedance: 75  $\Omega$

Reception range: 48 ... 862 MHz

Input level: 45 ... 75

Symbol rates: 2 ... 7

Modulation: 16-, 32-, 64-, 128-, 256-QAM

Nyquist roll-off: 0,15

MER:  $> 35$  dB (ohne Equalizer, 256-QAM)

FEC coding: 204, 188

### TUNER DVB-T2

Modulation: COFDM / QPSK, 16-QAM, 64-QAM, 256-QAM

Channel bandwidth: 6, 7, 8 MHz

FFT mode: 1k, 2k, 4k, 8k, 16k, 32k

Guard interval: 1/4, 19/128, 1/8, 19/256, 1/16, 1/32, 1/128

FEC: 1/2, 2/3, 3/4, 5/6, 7/8

### SCOPE OF DELIVERY

TECHNINET DVB-T2/PAL TM TWIN CI card, front panel, rear panel