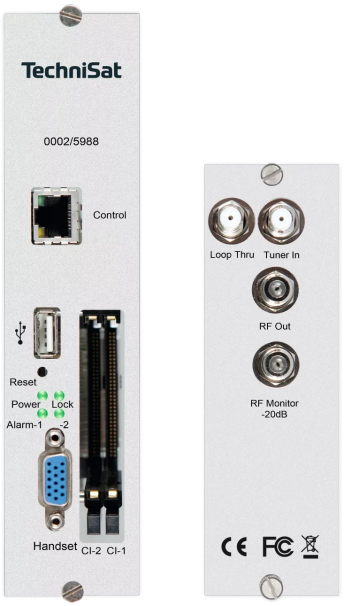


DVB-T2/PAL TM TWIN CI

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(2^16), 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 Terrestrik-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: ≤ -50 dB typisch
Noise: ≤ 45 typisch
C/N: ≥ 45 dB typisch

TUNER DVB-C
input: F female
Impedance: 75 Ω
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