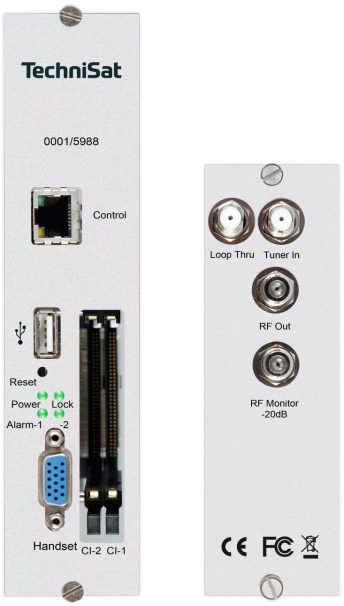


DVB-C/PAL TM TWIN CI

Converter card for 2 SD/HD digital cable channels to 2 analogue PAL channels

EAN	Colour	Item no.	Weight (Box)	Weight
4019588159884	silver	0001/5988	300 g	300 g

AMBIENT OPERATING CONDITIONS

- Ambient temperature: 0 ... 45 °C
- Humidity: 10 ... 90 %

DECRYPTION SYSTEM

- CI: 2x Yes

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

DECODER

- Audio decoder: MPEG-1 Layer I, II
- Video decoder: MPEG-2, H.264

RF MODULATOR

- Modulation: CCIR PAL B/G

GENERAL CHARACTERISTICS

- Top features: Umsetzen von 2 SD/HD Kabel-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

TUNER DVB-C
input: F female
Impedance: 75 Ω
Reception range: 48 ... 862 MHz
Input level: 45 ... 75
Symbol rates: 1 ... 7
Modulation: 16-, 32-,64-, 128-, 256-QAM (ITU J.83 Annex A)
Nyquist roll-off: 0,15
MER: > 35 dB (ohne Equalizer, 256-QAM)
FEC coding: 204, 188

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

SCOPE OF DELIVERY
TECHNINET DVB-C/PAL TM TWIN CI card, front panel, rear panel