

ASTRO X-DVB-CT2/PAL duo (CI)

SIGNAL CONVERTER DVB-C, DVB-T OR DVB-T2 INTO PAL



- plugin card for modular base units X-8 twin and V 16
- for processing of 2 DVB-C, DVB-T or DVB-T2 signals into PAL
- integrated data rate adjustment
- PCR correction
- NIT generation
- PID filter
- HD in SD Downscaling
- MPEG4, AAC, WSS, teletext, VPS, different analogue TV standards programmable
- 2 CI interfaces
- outstanding output parameters by Direct Digital Technology

SPECIFICATIONS

TYPE		X- DVB-CT2/PAL DUO	X- DVB-CT2/PAL DUO CI
Frontend connectors	[Ω]	F-jack, 75	
DVB-C DEMODULATOR			
Input data rate	[MBAud]	0,5 – 7	
Modulation options		QPSK, QAM16, QAM32, QAM64, QAM128, QAM256	
DVB-T AND DVB-T2 DEMODULATOR			
Modulation		DVB-T: 4-, 16-, 64-QAM DVB-T2: 4-, 16-, 64-QAM, 256-QAM	
Guard-Intervall		DVB-T: 1/4; 1/8; 1/16; 1/32 DVB-T2: 1/4; 5/32; 1/8; 5/64; 1/16; 1/32; 1/64; 1/128	
FEC		DVB-T: 1/2; 2/3; 3/4; 5/6; 7/8 DVB-T2: 1/2; 3/5; 2/3; 3/4; 4/5; 5/6	
FFT mode		DVB-T: 2k, 8k DVB-T2: 1k, 2k, 4k, 8k, 16k, 32k	
Bandwidth	[MHz]	DVB-T: 6; 7; 8 DVB-T2: 5; 6; 7; 8	
Remote feed supply voltage	[V]	5, typ. 100 mA, switchable	
RF MODULATORS			
channel selective filters pluggable		no	
Connectors	[Ω]	75, IEC-jack	
Output frequency	[MHz]	47 – 862	
Output channels		K2 - K69	
Output level	[dBμV]	95 – 100	
Intermodulation distance	[dB]	typ. 60	
Reflection loss	[dB]	> 10	
Spurious frequency distance	[dB]	typ. 60	
TV standard		PAL, A2/NICAM; (others on request)	
Intercarrier signal-to-noise ratio	[dB]	typ. 58	
Residual carrier accuracy	[%]	1	
Video signal-to-noise ratio	[dB]	typ. 58	
COMMON DATA			
Power consumption	[W]	14,2 withot Ci-modules and without active DVB-T antenna	
Ambient temperature	[°C]	0...+45	

both plug-in cards are also available with additional AC-3 coding option:

X-DVB-CT2/PAL duo (AC-3): Order number 330 605; EAN-Code 4026187171285

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