

ASTRO V 912 (CI)

SIGNAL CONVERTER 2 X DVB-S2 TO 2 X 1 COFDM

- Plugin card for modular base unit V 16
- For processing of 2 DVB-S (2)-modulated SAT-IF signals into 2 independent COFDM output channels
- Selection of programmes for transmodulation happens via Pass- or Drop-Servicefilter
- 2 slots for channel selective filters
- 2 common interface slots with multichannel decoding



DVB-S(2) DEMODULATOR		
Connectors	[Ω]	F female, 75
Input frequency range	[MHz]	950-2150
Input level	[dBμV]	44-80
Input symbol rate	[MS/s]	max. 30,0 (DVB-S2); max. 45 (DVB-S)
DVB-S Viterbi		1/2; 2/3; 3/4; 5/6; 6/7; 7/8
DVB-S2 LDPC		1/4; 1/3; 2/5; 1/2; 3/5; 2/3; 3/4; 4/5; 5/6; 8/9; 9/10
DVB-S2 Roll-off-factors		0,20;0,25;0,35
DVB-S2 modulation		QPSK, 8PSK
COFDM MODULATOR		
Signal processing		according DIN EN 300744
Transmission modes		2k (8k on request)
Modulation		QPSK; 16 QAM; 64 QAM
Coding rates		1/2; 2/3; 3/4; 5/6; 6/7; 7/8
Bandwidth	[MHz]	6; 7; 8
TS EDITING		
Data rate adjustment		<input checked="" type="checkbox"/>
PCR correction		<input checked="" type="checkbox"/>
PID Remapping		<input checked="" type="checkbox"/>
Service filtering		Pass- / Drop-Filter
CI- interfaces		Only type V 912 CI
RF-OUTPUT		
channel selective filter pluggable		Only type V 912
Connectors	[Ω]	IEC jack,75
MER (Equalizer, 64 QAM)	[dB]	Typ. 36
Frequency range	[MHz]	47-862 (K2-K69) adjustable in 0,1 MHz steps
Output level	[dBμV]	80...96, adjustable
Shoulder attenuation	[dB]	typ. 58
Spurious frequency distance 40 - 862 MHz	[dB]	> 60 discrete interferences / > 57 noise interference
COMMON DATA		
Power consumption	[W]	V 912: 13,5 V 912 CI: 17
Ambient temperature	[°C]	0...+50