

ASTRO V 614-4

SIGNAL CONVERTER 2 X DVB-S2 TO PAL

- Plugin card for modular base unit V 16
- Processing of 4 independent DVB-S input signals into 2 PAL adjacent channel pairs in the frequency range 47 to 862 MHz
- Beyond standard features like VPS, teletext and WSS this transcoder offers free programmable tickertext, which can time controlled or in case of error inform customers.
- Input signal switch for multiple use of one SAT polarization to reduce cabling effort
- 2 slots for channel selective output filters
- Outstanding output parameters by Direct Digital Technology



DVB-S-DEMODULATOR		
Connectors	[Ω]	75, F-jack
Input frequency range	[MHz]	950-2150
Input level	[dBμV]	40-80
Reflection loss	[dB]	≥ 10
Input symbol rate	[MS/s]	max. 45,0
Viterbi decoding (according DVB standard)		1/2; 2/3; 3/4; 5/6; 7/8; automatic / manual
DVB-S Roll-off-factors		0,20;0,25;0,35
DVB-S modulation		QPSK; 8PSK
RF MODULATORS		
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		typ. 58
Residual carrier accuracy	[%]	1
Video signal-to-noise ratio	[dB]	typ. 58
channel selective filter pluggable		☒
COMMON DATA		
Power consumption	[W]	17,4
Ambient temperature	[°C]	0...+45