

# ASTRO V 251(CI), V 252



## DIGITAL ASI SOURCE CARDS

- For processing of two independent QPSK or 8PSK input signals into ASI data streams
- routing on up to 6 outputs via software
- postprocessing of the streams with the ASTRO IP gateway U 262 or with any other ASI-transport stream compatible equipment (for example multiplexer)
- CI Interface (only V 251 CI)

## SPECIFICATIONS

TYPE		V 251	V 251 CI	V 252
<b>DVB-S(2)-DEMODULATOR</b>		<b>DVB-S</b>		<b>DVB-S(2)</b>
Input frequency range	[MHz]	950-2150		
Input level	[dB $\mu$ V]	40-80		
SAT-IF input	[ $\Omega$ ]	F-female, 75		
Input symbol rate	[Mbaud]	2-35 adjustable		
AFC-range		adjusted automatically		
Return loss	[dB]	$\geq 10$		
DVB-S2 Viterbi		1/2, 2/3, 3/4, 5/6, 7/8, auto	-	
DVB-S2 LDPC		-	1/4; 1/3; 2/5; 1/2; 3/5; 2/3; 3/4; 4/5; 5/6; 8/9; 9/19	
DVB-S2 Roll-off-factors		-	0,20; 0,25; 0,35	
DVB-S2 Modulation		-	QPSK, 8PSK	
Spectrum figuration		0,35	0,20; 0,25; 0,35	
CI interface		-	yes	-
<b>ASI OUTPUTS</b>				
Outputs		6 x DVB ASI		
Connectors	[ $\Omega$ ]	F-female/BNC a the housing, 75		
Bit ratio	[Mbit/s]	Burst 270 / constant 75		
Transmission mode		Packet burst/continous		
Packet length		188, 204		
Reed-Solomon coding		DVB @ packet length 204		
<b>COMMON DATA</b>				
Temperature range	[ $^{\circ}$ C]	0 ... + 50		