

CSE 2000 Generation 2

Twin modules SAT-TV digital in accordance with PAL/SECAM

Type	CHD 2022 S1	CHD 2022 S11	CHD 2022 MI1
Order number	940 141-102	940 144-102	940 145-102



- For processing digital SAT IF signals into analog output signals
- Output signal adjacent channel suitable (VSB)
- Twin modules with 2 adjacent output channels
- Output signals in VHF I only for single channel mode
- CI variant for 1 CA module encryption of 2 channels from one datastream possible
- All HF connectors are F sockets
- CE

CHD 2022 S1

Twin module with stereo modulator (B/G)

CHD 2022 S11

Twin module CI with stereo modulator (B/G)

CHD 2022 MI1

Twin module CI with multi-standard modulator



Technical data			
Implemented channels	2 (twin)	2 (twin)	2 (twin)
Input frequency range	950-2150 MHz	950-2150 MHz	950-2150 MHz
AFC	± 4 MHz	± 4 MHz	± 4 MHz
Input level	47 - 70 dBµV	47 - 70 dBµV	47 - 70 dBµV
Modulation type	QPSK	QPSK	QPSK
Symbol rate	2-35 MS/s	2-35 MS/s	2-35 MS/s
Output level	90 dBµV	90 dBµV	90 dBµV
Output frequency range	(47) 110 - 862 MHz	(47) 110 - 862 MHz	(45) 110 - 862 MHz
Attenuators	0...20 dB	0...20 dB	0...20 dB
TV standard	B / G (stereo)	B / G (stereo)	PAL D/K , I, SECAM L
Power consumption	12 W	13 W	13 W