

KNC ONE GmbH  
TV-Station DVB-C (Rev. X2)

Art.-Nr.  
M22134

- End of life -

Tuner / Prozessor	
Tuner	Philips CU1216L MK3
PLL	-
Channel decoder	TDA10023
Prozessor	Philips SAA7146H

Connectors	
Antenna Input	IEC female
Antenna Output	IEC male
BUS type	PCI 32-Bit, Version 2.2
Common Interface	80-Pin for CineView

Mechanical Data	
Height	82mm
Length	120mm
Depth	17mm
Weight (including bracket)	105g

COFDM Channel Decoder / Signal Modulation / Coding	
FFT	-
Modulation	QAM 64-256
Code Rate	-
Guard Int	-
FEC	Reed Solomon & Viterbi
Frequency steps	-
Frequency offset	-
Bandwidth	-

Reception characteristics	
Reception Standards	ETS 300 429
Frequency Range	51-858MHz
Sensitivity (min)	-66dBm (6,9MS/s, BER= 2*10 <sup>-4</sup> , QAM64) -62dBm (6,9MS/s, BER= 2*10 <sup>-4</sup> , QAM256)
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max. Input Level	-
C/N Ratio (min)	26,5 (6,9MS/s, BER= 2*10 <sup>-4</sup> , QAM64, Input= -45dBm) 32,5 (6,9MS/s, BER= 2*10 <sup>-4</sup> , QAM256, Input= -45dBm)
Loop Through Power gain	6dB
Loop Through Frequency Range	51-858MHz

Operation conditions	
Ambient temperature	-10 °C - +60°C
Relative humidity	max. 95%

Power Consumption	
5V (STBY)	380mA
12V (STBY)	-
5V	450mA
12V	-

Antenna Supply	max. 50mA
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