

The manual instructions of the Headend Controller HCB 100 and the Bus Extender BEB 100 have to be considered!

TECHNICAL DATA

SAT-IF Input			TS - Mode	188
Frequency range		950 2150 MHz	Signal processing	EN 50083-9
Frequency arid		1 MHz		800 mV (+/- 10 %)
AFC - Range		5 MHz	Baturn loss	> 17 dP
			Compositor	> 17 UB
AGC - Lever range		42 δ2 αθμν	Connector	BNC SOCKET
Connector		F SOCKET	Impedance	75
Impedance		75		
			Operating parameter	
DVB-S Demodulator / L	Jecoder		Voltage/Current	12 V (± 0.2 V) / 400 mA
Modulation		QPSK	Residual ripple	,
Symbol rate		1 45 MSps	of the supply voltage	10 mV
Code rate (Viterbi)		1/2, 2/3, 3/4, 5/6, 6/7,	or the supply voltage	10 m pp
		7/8	Environmental conditions	
Roll off		35 %	Temperature range	- 10 + 55 °C
Signal processing		ETS 300 421 (DVB - S)	Tomporature range for data kooping	5 ± 45 °C
eignai proceeeing				3+43.0
DVB-S2 Demodulator	Decoder		Relative numidity	80 % (not condens.)
Modulation	Decouer	ODEK ODEK	Mounting method	vertical
Numbel rete	ODOK		Mounting location	squirting and dripping
Symbol rate	QPSK			water protected
	OPSK	1 28,9 MSps	Dhysical information	
Code rate (LDPC)	OPSK	1/1 1/3 2/5 1/2		
Code fate (EDF C)		2/5 2/2 2/4 4/5 5/6 2/0	Differsion (IX w X II)	50 070 440
		0/40	without 19 adapter	50 x 276 x 148 mm
	0001	9/10	with 19" adapter	50 x 301 x 148 mm
	8PSK	3/5, 2/3, 3/4, 5/6, 8/9, 9/10	Weight	1,085 g
Roll off		20, 25, 35 %		
Signal processing		ETS 302 307 (DVB - S2)	Delivery content	
			1 x BUS connector	
ASI Data rata		270 Mbaa	1 x Video connecting cable VVK 526	
ASI - Data Tate		270 Mbps	0	
ASI - Polarity		regular / Inverted		
ASI - Mode		continous		
TS - Data rate		according symbol rate		
		and coding		
HEADEND BUS STRUCTURE				



The number of the possible module connections (00 \dots 15) to a BEB 100 depends on the total power consumption of this line!

Pic. 03

Part No: 9721.01

SECURITY AND OPERATING INSTRUCTIONS

When assembling, starting-up and adjusting the modules, it is necessary to consider the system specific references in the manual instruction!

A The modules may only be installed and started up by authorized technical personnel!

Mhen assembling the modules into the receiving points, the adherence of the EMC regulations is to be secured!

 Λ The assembly and wiring have to be done without voltage!

All active modules may only be operated with the Headend Controller HCB 100 or Bus Extender BEB 100!

The supply voltage and operating voltage for all modules operated with direct current has to be in accordance to the technical specifications of the respective module (see respective device manual)!

With all work the defaults of the DIN EN 50083 have to be considered!

A Especially the safety relevant execution of the DIN EN 50083/1is necessary!

Options and other TV standards available upon request!

Changes due to technical progress possible.

BLANKOM Antennentechnik GmbH

Hermann - Petersilge - Str. 1 07422 Bad Blankenburg Germany Phone +49 (0) 36741/ 60-0 Fax +49 (0) 36741/ 60-100