



## TECHNINET BS6

Digital 16-way Head-end - DVB-S(2) / DVB-C

EAN	Colour	Item no.
4019588059931	silver/blue	0000/5993

<b>TUNER (DVB-S2)</b>	Secondary wave suppression: > 50 dB	Top features: Remote maintenance and configuration via web interface
DVB-S2 demodulator: EN 302 307	Signal output: F socket	Top features: Comprehensive baseband signal processing with channel filter functionality such as NIT, LCN
Demodulation: 8PSK, QPSK	Output impedance: 74 Ω	Top features: High level of energy efficiency - only 1,81 Watt per channel
Symbol rates: 2 ... 45 Mbaud	Return loss: ≥ 14 dB	Top features: No fan, therefore no noise and no maintenance
Roll off factor: 0,35	<b>POWER CONSUMPTION</b>	Top features: Cascade capability for two head-ends - 32 DVB-C output channels
FEC block size: 64 kB	In operation: 44 W	<b>TUNER DVB-S</b>
FEC Code rate (LDPC): 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10	<b>POWER SUPPLY</b>	DVB-S tuner: 16 Stück
Outer coding (BCH): GF(2 <sup>16</sup> ), t=8, 10, 12	Nominal voltage: 230 V	DVB-S demodulator: EN 300 421
<b>LNB CONTROL</b>	Frequency: 50 Hz	Demodulation: QPSK
Vertical: 13 V	Mains adapter: internal	Symbol rates: 2 ... 45 Mbaud
Horizontal: 18 V	<b>SAT IF INPUT / MULTISWITCH</b>	Roll off factor: 0,35
Band switch: 22 kHz	Reception range: 950 ... 2150 MHz	FEC code rate: 1/2, 2/4, 3/4, 5/6, 6/7, 7/8
Current consumption: max. 750 mA total	input / output: F-socket	Interleaving: Convolutional; l=12
DiSEqC: 1.0 (sat. pos. (A/B/C/D))	Impedance: 75 Ω	Outer coding: Reed Solomon 204, 188, T=8
<b>AMBIENT OPERATING CONDITIONS</b>	Input level: 45 ... 85 dBμV	<b>SCOPE OF DELIVERY</b>
Ambient temperature: -10 ... 50 °C	LNB voltage supply: 13 / 18 V & 22kHz	TECHNINET BS6, Instruction manual
Humidity: 10 ... 75 %	LNB power supply: Max. 250 mA	
<b>CONFIGURATION, MONITORING</b>	<b>TOP FEATURES</b>	
Network interface: RJ45, Ethernet, 100BaseT, TCP/IP	Top features: Outstanding output values due to direct implementation as FPGA solution	
<b>DVB-C OUTPUT</b>	Top features: 4 Sat-IF inputs with DiSEqC 1.0 functionality for sat multiswitches and 2 additional sat-IF inputs	
Modulation: 16-, 32-, 64-, 128-, 256-QAM	Top features: Power supply for LNB	
Symbol rate: 3.5 ... 7.2 Mbaud	Top features: All transmission parameters can be set using web interface	
MER: Typ. 45 dB (256-QAM, with equaliser)		
Reception range: 45 ... 862 MHz		
Output level: 90 dBμV per carrier, adjustable		

### KEYFEATURES

Multiple subscribers