

Type		X-A/V QAM
Order number		330 320
EAN-Code		4026187141240
Audio input		
Connectors	[Ω]	2 x MCX-jack, 75
Input level	[V RMS]	0,5
Video input		
Connectors	[Ω]	3 x MCX-jack, 75 for CVBS and YPbPr
Input level		1 Vss / 75 Ω
HDMI input		
Connectors		HDMI Minijack
Formats		576p, 720p, 1080i, 1080p
QAM modulator		
Modulation; Signal processing		16-, 32-, 64-, 128-, 256-QAM; according DVB standard
Spectrum shape	[%]	15
FEC		Reed-Solomon (204, 188)-Code
Output symbol rate	[MBaud]	adjustable 3,45 - 6,9
Bandwidth	[MHz]	depending on symbol rate 4 - 8
Brutto data rate	[Mbits]	max. 55,2
TS editing		
Data rate adjustment		☒
PCR correction		☒
NIT handling		☒
ASI output		
Connectors	[Ω]	MCX-jack, 75
Output level	[mVpp]	800
Output data rate	[Mbit/s]	270, 100 usable TS data rate
Packet length; TS mode		188, 204; Packet, continous
Reed-Solomon Coder		Optional in 204
RF output		
Connectors	[Ω]	IEC-jack
Frequency range	[MHz]	47 - 862 (K2 - K69) (C2 - C69), 100 kHz steps
Output level	[dBμV]	84 ... 96, adjustable
MER (Equalizer, 256 QAM)	[dB]	typ. ≥ 45
Spurious frequency distance 40 - 862 MHz > 950 MHz	[dB]	> 60 discrete interferences / > 57 noise interferences > 20 according to 100 dBμV system level and 90 dBμV operation level
Common data		
Power consumption	[W]	8,6
Ambient temperature	[°C]	0...+50