



# TOPLINE HEADEND modules analog TV

## OV 45 D



### Terrestrial-TV multi-standard channel conv. analog/digital

- Conversion of one analog / digital TV channel into the range of 45-862 MHz
- Suitable for DVB-T
- AGC for the input level range 50-90 dB $\mu$ V analog / 40-80 dB $\mu$ V digital
- Output level adjustable in the range of 74-84 dB $\mu$ V analog / 64-74 dB $\mu$ V digital
- High IF selection via two SAW filters, for adjacent channel operation at input and output.
- Deactivation of AGC for TV standard L. Manual gain adjustment
- NMS via headend controller OV 51S or headend commander OV 52

<b>Frequency range input / output</b>		45-862 MHz
<b>Tuning steps</b>	PAL B/G, D/K, I, L	0.25 MHz
	DVB-T 7 MHz	0.5 MHz $\pm$ 125 kHz Offset
	DVB-T 8 MHz / DVB-8S	only input or output 0.5 MHz $\pm$ 166.6 kHz Offset
	DVB-C 7 MHz	0.5 MHz
	DVB-C 8 MHz / DVB-C8S	0.5 MHz
<b>Input level range</b>	PAL B/G, D/K, I, L	50-90 dB $\mu$ V
	DVB-T, DVB-C	40-80 dB $\mu$ V
<b>TV standards</b>	analog	PAL B/G, D/K, I, L
	digital terrestrial	DVB-T 7 MHz, DVB-T 8 MHz
	digital cable	DVB-C 7 MHz, DVB-C 8 MHz
<b>Noise factor</b>		$\leq$ 9 dB
<b>AGC range</b>		$\geq$ 40 dB
<b>Spurious signal at input</b>		acc. to EN 50083-2
<b>Output level (AGC on)</b>	analog	84 dB $\mu$ V
	DVB-T, DVB-C	74 dB $\mu$ V
<b>Multi-standard</b>	PAL B/G, D/K, I, L	
	DVB-C	16, 64 QAM (7/8 MHz-bandwidth)
	DVB-T	2k, 8k mode, Coderate 2/3 (7/8-MHz band width)
<b>General data</b>		
<b>Option: TV demodulator</b>	OV 62 A OV 62 D	A= B/G D= D/K
<b>Connectors</b>	RF	F-type
	Audio/Video	Sub-D socket
<b>Operating temperature</b>		0°C...+55°C
<b>Storage temperature</b>		-25°C...+75°C
<b>Max. humidity, non condensing</b>		95%
<b>EMC</b>		CE, Class A
<b>Packing unit</b>		1 piece, 5.2 dm <sup>3</sup> , 2.1 kg