

# Dual AV-Modulator stereo OV 38



Product information



#### **Features:**

- Modulation of two audio signals and two video signals into two TV channels in the frequency range 45 – 862 MHz.
- Multi-standard operation.
- Stereo-capable vestigial sideband modulator, adjustable in 250 kHz steps.
- NICAM
- Interface for audio/video with BNC/Cinch.

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- Integrated test pattern generators with two white bars and additional 1 kHz test tone.
- Connection facility for Headend Controller  
OV 51 A / OV 51 S.

<b>Video - Channel A/B</b>		
Input level	1 V <sub>ss</sub> / ± 0,4 V	
Video bandwidth	0,020 - 5,0 MHz	
S/N (CCIR 405-1)	≥ 57 dB typ. 59 dB	
<b>Audio - Channel A/B</b>		
Output frequency range	40 - 15000 Hz	
Input impedance switchable (cinch socket)	600 Ω / 10 kΩ	
S/N (1 kHz Sinus)	typ. 55 dB	
Input level for nom. deviation	-4 dBm/ 1 kHz	
Audio level	+5 dB... -9 dB	
Distortion	min. 0,6 % typ. 0,3 %	
<b>Modulator</b>		
Output frequency range	45-862 MHz	
Frequency steps	250 kHz	
Output impedance F socket	75 Ω	
Output level	(loop)	74 - 89 dBμV
	(single)	84 - 99 dBμV
Thru loss	≤ 1,5 dB	
Return loss	≥ 16 dB (-1 dB/Okt.)	
TV standards	B/G*, D/K*, I, L	
	* Stereo / Dual tone 2nd sc with ID / NICAM	
<b>General</b>		
Connectors	RF	F
	A/V input	BNC / Cinch
Power supply	5 VDC / 1200 mA 12 VDC / 530 mA	
Housing	Zinc die-cast	
Dimensions	30 x 264 x 199 mm	
Ambient temperature	-5 °C...+50 °C	
Storage temperature	-25 °C...+75 °C	
Max. humidity non condensing	95 %	
EMC	corresponding to EN 50083-2	

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