

951 HOME ELECTRONICS

MODULATOR WIDEBAND BG STANDARD STEREO



Code : **9510067**

Model : **MD-531**

Description

TV modulator with stereo audio, which generates an analogue TV channel from the audio and video signals. The generated channel is mixed with the rest of the channels of the TV installation. It modulates the output channel for any channel of the terrestrial band based on the the B/G CCIR standard.

Applications

It modulates the audio and video signal of a satellite receiver, DVD, video or surveillance camera, in order to distribute it in the TV installation of the house. The audio and video signals are obtained from the scart connector of the video.

Characteristics

The output channel can be selected by means of switches. Essential features of this equipment are the high carrier to noise ratio together with a very reduced spurious level in the band. Modulation in DSB double side band. F type connector and RCA connector for audio/ video.

CODE		9510067
MODEL		MD-531
TV System		AM-TV B/G CCIR
Frequency range	MHz	47-862
Output channel		2 - 4 5 - 12 21 - 69 S1 - S41
Video input level	V _{pp}	1,0 (75Ω)
Audio input level	V _{pp}	0,2 - 2,0 (10Ω)
Audio		Unbalanced
Output level	dB _{uV±TOL}	84 ±2,0
Output level adjust	dB	15
Output level stability	dB	0,5
Multiplexing through loss	dB±TOL	0,9 ±0,1
Carrier/noise ratio (C/N)	dB	>58
Audio signal/noise ratio	dB	>45
Return loss	dB	>15
Chroma-luminance delay	ns	<40
No-linearity of luminance	%	<3
Differential gain	%	<3
Differential phase	°	<3
Response to the 2T pulse	%	<3
Connectors		F female
Audio/video connector		2 x RCA Audio stereo 1 x RCA Video
Power supply	V~	230 ± 10% 50/60 Hz
	mA	5
Operating temperature	°C	-10...+65
Protection index		IP 20
Units per packing		1
Packing weight	Kg	0,58
Packing dimensions	mm	165 x 100 x 50