

SERIES MODULATORS 951

Compact modulators



MD-110
MD-310
MD-410

Description

TV modulator with mono 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. Available in different bands, with different standards and channel tables.

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.

Accessories

9510066 CR-101 A/V input cable.

CODE		9510063	9510064	9510065
MODEL		MD-110	MD-310	MD-410
TV system		AM-TV B CCIR B ITALY D OIRT D POLAND I IRELAND I SOUTH AFRICA	AM-TV B CCIR B ITALY D OIRT D POLAND I IRELAND I SOUTH AFRICA	AM-TV G CCIR K OIRT I UK L FRANCE
Frequency range	MHz	44.5-88	174-302	470-862
Video input level	Vpp	0.7-1.4 (75Ω)		
Audio input level	Vpp	0.2-2.0 (>10 KΩ)		
Audio		Unbalanced		
Output level	dBμV±TOL	86 ±2.0		
Output level adjust	dB	15		20
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	<50		
No-linearity of luminance	%	<3		
Differential gain	%	<4		
Differential phase	°	<8		
Response to the 2T pulse	%	<5		
Connectors		F female		
Audio/video connector		2 x RCA (mono)		
Mains voltage	V~	230 ±10% 50/60 Hz		
	VA	7		
Operating temperature	°C	-10..+65		
Protection index		IP 20		
Units per packing		1		
Packing weight	Kg	0.4		
Packing dimensions	mm	115 x 102 x 45		