

912 TV-SAT AND MODULATOR EQUIPMENT

MODULATOR STANDARD BG STEREO, WIDEBAND



Code : **9120238**

Model : **MS-571**

Description

Analogue stereo modulator (ITU BS 707-4) in VSB vestigial side band, designed to work with adjacent channels. The audio input can be mono, stereo or dual by selecting the audio Modo of the modulator by means of the programmer. Available in B/G standard.

Applications

MATV installations where it is necessary to generate an analogue TV channel with stereo or dual sound from the audio and video signal from an equipment that has mono, stereo or dual sound.

Characteristics

Essential features of this equipment are the high carrier to noise ratio together with a very reduced spurious level in the band. Modulación in VSB vestigial side band filtered by means of a SAW surface acoustic wave filter in any TV channel, including the interbands. F type connector and miniDIN connector for audio/video. Supplied with the multiplexing bridge.

CODE		9120238		
MODEL		MS-571		
TV System		AM-TV B/G CCIR		
Frequency range	MHz	46-862		
Frequency step	KHz	250		
Output channel		2 - 4 5 - 12 21 - 69 S1 - S41		
Video input level	Vpp	0.7-1.4 (75)		
Audio input level	Vpp	0.2-2.0 (>20)		
Audio		Unbalanced		
Output level	dB μ V \pm TOL	84 \pm 2,0		
Output level adjust	dB	15		
Output level stability	dB	0.5		
Multiplexing through loss	dB \pm TOL	0.9 \pm 0,1		
Carrier/noise ratio (C/N)	dB	60		
Audio signal/noise ratio	dB	>50		
Return loss	dB	15		
Chroma-luminance delay	ns	<40		
No-linearity of luminance	%	<2		
Differential gain	%	<3		
Differential phase		<3		
Response to the 2T pulse	%	<3		
Connectors		F female		
Audio/video connector		miniDIN (8 pin)		
Power supply	V \pm	+3.3	+5.2	+12
	mA	410	190	120
Operating temperature	$^{\circ}$ C	-10..+65		
Protection index		IP 20C		
Units per packing		1		
Packing weight	Kg	1.40		
Packing dimensions	mm	265 x 165 x 40		