

SERIES 912 MODULATOR EQUIPMENT

Stereo modulator



Description

Analogue stereo modulator in VSB (vestigial side band) designed to work with adjacent channels. The audio input can be mono, stereo or dual by selecting the audio mode of the modulator by means of the programmer.

Applications

Used in MATV installations where it is necessary to generate an analogue TV channel with stereo or dual sound from equipment that has base band video and audio output.

Characteristics

Unit has a high carrier to noise ratio together with a much reduced spurious level in the band. Modulation in vestigial side band filtered by means of a SAW (surface acoustic wave filter) in any TV channel. Unit is fitted with mini-DIN connector for audio and video inputs.

CODE		9120106		
MODEL		MS-551		
TV System		AM-TV B/G CCIR		
Connection		F - Female		
Frequency range	MHz	46 - 894		
Video input level	Vpp	0.7 – 1.4 (75Ω)		
Audio input	Vpp	0.2 – 2.0 (>20Ω)		
Audio		Mono, Stereo, dual sound		
Output Level	dBμV	84 ± 2.0		
Output level adjust	dB	15		
Output level stability	dB	0.5		
Multiplexing through loss	dB	0.9 ± 0.1		
Noise Figure	dB	8.5 ± 1.0		
Carrier/noise ration (C/N)	dB	60		
Audio signal/noise ratio	dB	>50		
Return loss	dB	15		
Chroma-luminance delay	ns	<40		
Audio/video connector		Mini-DIN (8 pin)		
Power Supply	V DC	+ 3.3	+5.2	+12
	mA	90	205	135
Operating Temperature	°C	-10 +65		
Room Temperature	°C	-10+55 (with fan) /+45 (without fan)		
Protection Index		IP 20C		
Dimensions	mm	265 x 165 x 40		



CD-113



CD-003

With each MS-551 modulator, either a CD-113 mini-DIN to RCA lead set or a CD-003 mini-DIN to SCART lead set has to be purchased.