



Fixed Channel PLL Saw Filtered Audio / Video Modulator

Product Specifications

Description

The Multicom MUL-FMOD860 is a high bandwidth, commercial-grade, Phase-lock Looped (PLL), SAW filtered, fixed channel analog modulator. It provides system operators the engineering ease and flexibility required with new headend deployments, upgrades, and system maintenance.

The modulator is used to convert a single composite AV input from any of a variety of sources into an RF output. The Multicom MUL-FMOD860 is RF output adjustable, user friendly, and is easy to use for both residential and commercial applications. The engineers behind the technology of this modulator made sure that the design will perform long-term, with stable operation, reliability, and high quality video output.

The Multicom MUL-FMOD860 can be used for composite Audio/Video sources such as satellite receivers, DVD players, digital signage media players, security cameras, computers, and more.



Key Features

- SAW filtered for maintenance/interference-free adjacent channel placement
- 55dBmV RF output level, typical
- Phase-lock loop frequency control
- Front panel controls and a convenient -20 ± 10 dBmV output test point
- Two-digit red LED display and controls for convenient monitoring and operation
- The MUL-FMOD860 is designed to fit in a standard 19" rack
- Auxiliary AC outlet for convenience

	Parameter	Specification
Audio/Video Input	Video Connector	Yellow RCA
	Video Input Level	0.6-1.5Vp-p
	Video Signal to Noise Ratio	50dBmV
	Video Input Impedance	75 Ohms
	Video Frequency Response	± 1 dB (25Hz~5.8 MHz)
	Audio Connector	White RCA
	Audio Input Level	-10~10dBm
	Audio Input Impedance	10K Ohm minimum
RF Output	Connector	'F' Female
	Frequency Range	134 Channels, frequency range 54 MHz to 870 MHz 2~13, A-1(99)~A-5(95), A(14)~ZZZ (88), 89~135
	Channel Type	CATV
	Output Level	55dBmV (115dBuV) Typical
	Out of Band Rejection	≥ 60 dBmV
	Test Point	-20 ± 10 dBmV
	A / V Ratio	-10 ~ -20dB (adjustable)
	Frequency Stability	± 10 KHz
	Impedance	75 Ohms
General	Power Supply	110 VAC ($\pm 10\%$)
	Power Consumption	5 Watts
	Operating Temperature	-25 ~ 55°C
	Storage Temperature	-40 ~ 70°C
	Humidity Operation/Storage	40-70% / 40-95%
	Dimensions (L x W x H)	200 x 127 x 51mm (19" x 1.75" x 6.6")
	Weight	1.6 Kgs / 3.5lbs.

MUL-FMOD860-XXX

└─ Channel Select (2-135)

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