



Agile Modulator

Product Specifications

Description

The Multicom MUL-AMOD750 is a commercial-grade, SAW filtered, frequency agile analog modulator that offers the same high quality as fixed analog modulators but with the freedom and flexibility of changing the output channel from CH 2 through 118. 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-AMOD750 is flexible, 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 with long term stable operation, reliability, and high quality video output.

The Multicom MUL-AMOD750 can be used for composite Audio/Video sources such as Satellite Receivers, DVD players, Digital Signage Media Players, Security Cameras, computers, and more. Plug in the composite video and audio source and select the output channel desired.



Key Features

- SAW filtered for maintenance/interference-free adjacent channel placement
- 55dBmV RF output level, typical
- Phase lock loop frequency control
- Non-volatile memory maintains channel selection in event of power loss
- Two-digit red LED display and control for convenient monitoring and operation
- RCA connectorized audio and video inputs eliminates adapters
- Switching power supply for installation flexibility and precise voltage regulation
- Auxiliary AC outlet for convenience
- The MUL-AMOD750 is designed to fit in a standard 19" rack

	Parameter	Specification
Audio/Video Input	Video Connector	Yellow female RCA
	Video Input Level	0.5-1.5Vp-p min. (87.5% Modulation)
	Video C/N	60dB
	Audio Connector	Red female RCA
	Audio Input Level	0.4Vp-p (25KHz Peak Deviation)
RF Output	Connector	'F' Female
	Frequency Range	54 – 750 MHz (Select Ch2 to Ch118)
	Channel Type	CATV
	Output Level	55dBmV Typical (adjustable)
	Test Point	-30dB (±3dB)
	A / V Ratio	-15dB
	Frequency Stability	± 5KHz (meets FCC Docket 21006)
	Impedence	75 Ohms
General	Power Supply	80 ~ 260 VAC 50/60Hz
	Power Consumption	7 Watts
	Operating Temperature	0 ~ 50°C
	Storage Temperature	-20 ~ 70°C
	Humidity	<95%
	Dimensions	19" x 1.75" x 3"
	Weight	3.5 lbs (1.58 Kgs)

MUL-AMOD750

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