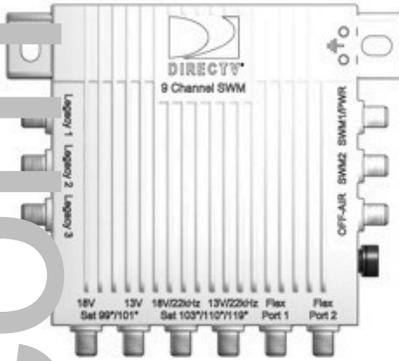


SWM-8

Single Wire Multi Switch (8 Channel)



Features:

- Provides eight independent channels for supporting up to 8 DIRECTV satellite tuners.
- Provides two outputs to serve two customer dwellings (typical).
- Contains a built-in diplexer for combining off-air signals with DIRECTV satellite signals onto a single home run wire to the dwelling
- Provides AGC for the satellite input signal.
- Die-cast housing is suitable for both indoor and outdoor use.
- Supports six LNB inputs, each triple band stacked four ports (1-4) cover existing 99°/101°, 103°/110°/119° satellites, plus two flex ports (95° and 72.5°)

Description

The SWM-8 is an eight channel single wire multi switch that allows any transponder from any satellite input to be independently selected and distributed via one of eight designated SWM output frequency channels.

PARAMETER	UNIT	SWM-8
Input Frequency Range	MHz MHz MHz	250 - 2150 (Satellite) 54-806 (Terrestrial & SMATV) 5-40 (Return Path) - CMTS return path must use 33-40 MHz band
Number of Input Ports:		
Satellite	Each	6
Off-air Terrestrial & SMATV/CMTS	Each	1
Input Signal Power Level:	dBm	-45 to -15 dBm per transponder
Output Frequency Range:	MHz	950-2150 (Satellite) 54-806 (Terrestrial & SMATV)
SWM Channel Frequencies:		
Channel 1 through 9	MHz	950-1800
Number of SWM Module Output Ports		
Satellite	Each	6 per SWM Module
Off-air Terrestrial & SMATV & Return Path	Each	1 per SWM Module
Output Signal Power Level	dBm	-31 dBm (min) per SWM channel
DC Power		
Power Supply (24VDC, 2.1A)	Each	Powered from FMC-6 Chassis via legacy 3 input port
Grounding Stud:	Each	1
Dimensions (LxWxH):	mm	167 x 145 x 35
Weight (without cables & SWM modules)	kg	0.5
Environmental Requirements:		
Operating Temperature Range	°C	-34 to +52
Humidity	%	95
Mechanical Housing		Die-cast aluminum waterproof housing suitable for indoor and outdoor installation