



**AMS-54W**  
5x4 Multi-Switch  
22KHz control



**AMS-58**  
5x8 Multi-Switch 22KHz control

The AMS-54W and AMS-58 are 22KHz Control Multiswitches which works with Voltage from receivers. They are designed to allow the reception of satellites from two or three orbital slots using multiple LNBs in a residential application.

AMS-54W has 5 inputs to 4 outputs  
AMS-58 has 5 inputs to 8 outputs.  
A 600mA 22KHz quasi square Wave is placed on top of the 13/18VDC when the additional satellite feeds are required. These devices enable the reception of DirectTV Para Todos and HDTV feeds in a multi LNB environment.

<b>Specifications:</b>	<b>AMS-54W</b>	<b>AMS-58</b>
Passband Frequency:	40-2200 MHz	40-2200 MHz
Insertion Loss:	40-862	-4dB
	950-2200	-5dB
Noise Figure:	4.8dB	4.8dB
Cross Polar Isolation:	30dB	30dB
Current Consumption:	3mA	3mA
Control Voltage:	LNB A 18V / 0KHz	LNB A 18V / 0KHz
	LNB B 13V / 0KHz	LNB B 13V / 0KHz
	LNB C 18V / 22KHz	LNB C 18V / 22KHz
	LNB D 13V / 22KHz	LNB D 13V / 22KHz
<b>Power Requirements: *External power optional</b>		
Power Adaptor (not included)	24VDC 600mA(PS-9)	24VDC 600mA(PS-6M)
RHCP Output (diode protected)	13VDC	13VDC
LHCP Output (diode protected)	18VDC	18VDC
LNB Current Draw (max)	250mA	250mA
Dimensions (w/connectors)	6.2"(w) x 1.2"(h) x 5"(d)	10"(w) x 1.2"(h) x 4.5"(d)
Weight (w/power supply)	2 lbs	2.10 lbs

**22KHz PULSE CONTROL SWITCH**



**AMS-22**  
22KHz Pulse  
Control Switch

Model AMS-22 is a solid state pin diode switch to select between two LNBs controlled by the presence or absence of a 600 mV, 22 KHz tone on the LNB voltage. All ports are DC connected. Ensure the satellite receiver can power both LNBs.

Passband	950-2150	MHz
Thru Loss	1.5	dB
Return Loss	13	dB
Isolation	43	dB
Max. Thru Current	500	mA
Current Requirement	20	mA plus LNB
Switch Control	>200	mA KHz square wave
Dimensions HxWxD	1" x 4" x 2.5"	incl. connectors

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE