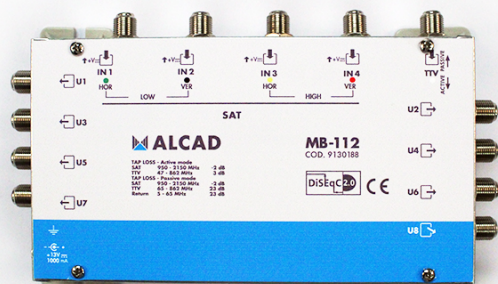


# 913 MULTISWITCHES

## 5X8 FINAL MULTISWITCH, EU PSU



Code : **9130188**

Model : **MB-112**

### Description

Final multiswitch for 4 polarities and terrestrial TV with 8 outputs. The outputs are amplified in the satellite IF band. In the terrestrial band they can be configured to function in either active or passive mode. It must be powered from each individual receiver so that the switching and the amplification of each derived output will function correctly. The external power supply unit provides the required voltage to the LNB for them to function properly.

### Applications

Medium-sized collective satellite and terrestrial TV installations. Installed individually, they can distribute to as many as 8 TV outlets. When combined with cascadable multiswitches, it is possible to distribute to 16 outlets on a single line.

### Characteristics

Shielded metal chassis with plastic supports. F-type connectors. Power supply connector is a 9.5 x 2.1 mm jack to feed the LNB. Same characteristics as model MB-102, with the difference that the power supply in this model comes with an European plug.

CODE		9130188		9130189		9130190	
MODEL		MB-112		MB-113		MB-114	
TV system		FM-TV / DVB-S / AM-TV / DVB-T					
Connection		F female					
Inputs		5					
Tap outputs		8		12		16	
Frequency range	MHz	47-862	950-2150	47-862	950-2150	47-862	950-2150
PASSIVE MODE							
Tap loss	dB±TOL	19 ±3.0	-2.5 ±4.0	20 ±3.0	-1 ±4.0	20 ±3.0	-1 ±4.0
Output level	dBµV	-	100 (IMD <sub>3</sub> -35 dB) 95 (IMD <sub>2</sub> -35 dB)	-	100 (IMD <sub>3</sub> -35 dB) 92 (IMD <sub>2</sub> -35 dB)	-	100 (IMD <sub>3</sub> -35 dB) 92 (IMD <sub>2</sub> -35 dB)
ACTIVE MODE							
Tap loss	dB±TOL	-1 ±3.0	2.5 ±4.0	0.0 ±3.0	-1 ±4.0	0.0 ±3.0	-1 ±4.0
Output level	dBµV	99 (DIN 45004B)	100 (IMD <sub>3</sub> -35 dB) 95 (IMD <sub>2</sub> -35 dB)	96 (DIN 45004B)	100 (IMD <sub>3</sub> -35 dB) 92 (IMD <sub>2</sub> -35 dB)	96 (DIN 45004B)	100 (IMD <sub>3</sub> -35 dB) 92 (IMD <sub>2</sub> -35 dB)
ACTIVE / PASSIVE MODE							
Tap equalization	dB	4	4	4	4	4	2
Rejection between bands	dB	> 20 TV/SAT > 65 SAT/TV					
Isolation between users	dB	> 20 TV > 20 SAT					
Isolation of switching	dB	> 30 TV/SAT					
Switching the outputs		DiSEqC 2.0 14V $\overline{\text{---}}$ / 18V $\overline{\text{---}}$ 0/22 kHz					
Power supply of the LNB		1050 mA / 13 V $\overline{\text{---}}$					
Output voltage	V $\overline{\text{---}}$	13 V $\overline{\text{---}}$					
Consumption from the receiver	mA	42 ±2.0 (14/18V $\overline{\text{---}}$ )					
Operating temperature close to equipment	°C	-10...+65					
Room temperature with/without fan	°C	-10...+55/+45					
Protection index		IP 30					
Units per packing		1	5	1	5	1	5
Packing weight	Kg	0.30	2.00	0.42	2.60	0.55	3.25
Packing dimensions	mm	205 x 105 x 45	225 x 115 x 250	260 x 245 x 55	290 x 270 x 270	260 x 245 x 55	290 x 270 x 270