913 MULTISWITCHES

5X24 FINAL MULTISWITCH, UK PSU

Code : **9130148**

Model : **MB-106**

Description
Final multiswitches for 4 polarities and terrestrial TV with 20, 24 and 32 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. Need to be powered from each individual receiver so that the switching and the amplification of each derived output will function correctly. The external power supply units provide the required voltage to the LNBs for them to function properly.

Applications
Medium-sized collective satellite and terrestrial TV installations. Installed individually, they can distribute to as many as 32 TV outlets. When combined with cascadable multiswitches, with intermediary amplifiers in place, it is possible to distribute to 128 outlets on a single line.

Characteristics
Shielded metal chassis with plastic supports. F-type connectors. Power supply connector is a 9.5x2.1 mm jack to feed the LNBs.

CODE		9130147		9130148		9130160	
MODEL		MB-105		MB-106		MB-108	
TV system		FM-TV / DVB-S / AM-TV / DVB-T					
Connection		F female					
Inputs		5					
Tap outputs		20		24		32	
Frequency range	MHz	47-862	950-2150	47-862	950-2150	47-862	950-2150
PASSIVE MODE							
Tap loss	dB±TOL	21 ±3.0	-1 ±4.0	21 ±3.0	-1 ±4.0	21 ±3.0	-1 ±4.0
Output level	dBµV	-	100 (IMD_3 -35 dB) 91 (IMD_2 -35 dB)	-	100 (IMD_3 -35 dB) 91 (IMD_2 -35 dB)	-	100 (IMD_3 -35 dB) 91 (IMD_2 -35 dB)
ACTIVE MODE							
Tap loss	dB±TOL	1 ±3.0	-1 ±4.0	1 ±3.0	-1 ±4.0	1 ±2.0	-1 ±2.0
Output level	dBµV	95 (DIN 45004B)	100 (IMD_3 -35 dB) 91 (IMD_2 -35 dB)	95 (DIN 45004B)	100 (IMD_3 -35 dB) 91 (IMD_2 -35 dB)	95 (DIN 45004B)	100 (IMD_3 -35 dB) 91 (IMD_2 -35 dB)
ACTIVE / PASSIVE MODE							
Tap equalization	dB	7	4	7	4	7	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⎓ /18V⎓ 0/22 kHz					
Power supply of the LNB		1050 mA /13 V⎓					
Output voltage	V⎓	13 V⎓					
Consumption from the receiver	mA	42 ±2.0 (14/18V⎓)					
Operating temperature close to equipement	ºC	-10..+65					
Room temperature with/ without fan	ºC	-10..+55/+45					
Protection index		IP 30					
Units per packing		1	5	1	5	1	5
Packing weight	Kg	0.65	4.05	0.71	4.05	0.93	5.13
Packing dimensions	mm	260 x 245 x 55	290 x 270 x 270	260 x 245 x 55	290 x 270 x 270	333 x 245 x 55	345 x 305 x 270