# 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 ($IMD_3$ -35 dB)<br>95 ($IMD_2$ -35 dB) | - | 100 ($IMD_3$ -35 dB)<br>92 ($IMD_2$ -35 dB) | - | 100 ($IMD_3$ -35 dB)<br>92 ($IMD_2$ -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 ($IMD_3$ -35 dB)<br>95 ($IMD_2$ -35 dB) | 96 (DIN 45004B) | 100 ($IMD_3$ -35 dB)<br>92 ($IMD_2$ -35 dB) | 96 (DIN 45004B) | 100 ($IMD_3$ -35 dB)<br>92 ($IMD_2$ -35 dB) |
| **ACTIVE / PASSIVE MODE** | | | | | | | |
| Tap equalization | dB | 4 | 4 | 4 | 4 | 4 | 2 |
| Rejection between bands | dB | > 20 TV/SAT<br>> 65 SAT/TV | | | | | |
| Isolation between users | dB | > 20 TV<br>> 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 | 0.30 | 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 |