913 MULTISWITCHES

5X20 CASCADABLE MULTISWITCH

Code : **9130152**

Model : **ML-105**

Description
Cascadable multiswitches for 4 polarities and terrestrial TV with 20, 24 and 30 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 amplification of each derived output will function.

Applications
Medium-sized collective satellite and terrestrial TV installations. It is essential that they be mounted along with end multiswitches, so as to obtain distributions of up to 128 outlets on a single line if they are installed with intermediary amplifiers.

Characteristics
Shielded metal chassis with plastic supports. F-type connectors. Earth.

CODE		9130152		9130153		9130159	
MODEL		ML-105		ML-106		ML-108	
TV system		FM-TV / DVB-S / AM-TV / DVB-T					
Connection		F female					
Inputs/outputs		5/5					
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	25 ±3.0	-1 ±4.0	25 ±3.0	-1 ±4.0	25 ±3.0	-1 ±2.0
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	5 ±3.0	-1 ±4.0	5 ±3.0	-1 ±4.0	5 ±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	3
Rejection between bands	dB	> 20 TV/SAT > 65 SAT/TV					
Isolation between users	dB	> 20 TV > 20 SAT					
Isolation of switching	dB	> 30 SAT/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	°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	0.56	3.30	0.58	3.40	0.78	4.40
Packing dimensions	mm	260 x 245 x 55	290 x 270 x 270	260 x 245 x 55	290 x 270 x 270	330 x 245 x 55	345 x 305 x 270