

913 MULTISWITCHES

5X32 CASCADABLE MULTISWITCH

Code : **9130159**

Model : **ML-108**

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 $\overline{\text{---}}$ /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	0.56		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	