

913 MULTISWITCHES

5X8 CASCADABLE MULTISWITCH

Code : **9130149**

Model : **ML-102**

Description

Cascadable multiswitches for 4 polarities and terrestrial TV with 8, 12 and 16 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 64 outlets on a single line if they are installed with intermediary amplifiers.

Characteristics

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

CODE	9130149				9130150		9130151	
MODEL	ML-102				ML-103		ML-104	
TV system	FM-TV / DVB-S / AM-TV / DVB-T							
Connection	F female							
Inputs	5/5							
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	23 ±2.0	-2.5 ±4.0	24 ±3.0	-1 ±4.0	24 ±3.0	-1 ±4.0	
Output level	dBµV	-	100 (IMD ₃ -35 dB) 95 (IMD ₂ -35 dB)	-	100 (IMD ₃ -35 dB) 92 (IMD ₂ -35 dB)	-	100 (IMD ₃ -35 dB) 92 (IMD ₂ -35 dB)	
ACTIVE MODE								
Tap loss	dB±TOL	3 ±3.0	-2.5 ±4.0	4 ±3.0	-1 ±4.0	4 ±3.0	-1 ±4.0	
Output level	dBµV	99 (DIN 45004B)	100 (IMD ₃ -35 dB) 95 (IMD ₂ -35 dB)	96 (DIN 45004B)	100 (IMD ₃ -35 dB) 92 (IMD ₂ -35 dB)	96 (DIN 45004B)	100 (IMD ₃ -35 dB) 92 (IMD ₂ -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 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	0.16	1.28	0.30	2.00	0.40	2.50	
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	