913 MULTISWITCHES

13X50 CASCADABLE MULTISWITCH



Code : **9130185**

Model : **ML-301**

Description
Cascadable multiswitches for 8 polarities and terrestrial TV with 50 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 100 outlets on a single line.

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

CÓDIGO-CODE-CODE		9130185		
MODELO-MODEL-MODÈLE		ML-301		
Input/Output/Tap		13/13/50		
PASIVE MODE				
Frequency Range	Band	RP	TV	SAT
	MHz	5-65	65-862	950-2150
Tap loss	dB ±TOL	38 ±3	29 ±3	5,0 ±4
Tap Equalization	dB	2,5	8,5	3,0
Through loss	dB	4,0 ±1	4,5 ±1	7,0 ±2
Output level	dBµV	-	-	100 (IMD3 -35 dB) 90 (IMD2 -35 dB)
ACTIVE MODE				
Frequency Range	Band	TV		SAT
	MHz	47-862		950-2150
Tap loss	dB ±TOL	9,0 ±3		5,0 ±4
Tap Equalization	dB	9,0		3,0
Through loss	dB	4,5 ±1		7,0 ±2
Output level	dBµV	92 (DIN 45004B)		100 (IMD3 -35 dB) 90 (IMD2 -35 dB)

Rejection between bands	dB	> 24 TV/SAT > 30 SAT/TV
Isolation between user	dB	> 30 TV > 30 SAT
Isolation of switching	dB	> 30 SAT/SAT
Output switching		DiSEqC 2,0 14Vdc/18Vdc 0/22 kHz
LNB power supply		2050 mA / 16 Vdc
Receiver consumption	mA	50 (14/18Vdc)

IMD3 -35 dB: 2 equal carriers, EN 60728-5
IMD2 -35 dB: 2 equal carriers, EN 60728-5
Data published in compliance with the definition and measurtement methods of the following standards:
EN 60728-3, EN 60728-4 and EN 60728-5