

# 913 MULTISWITCHES

## 13X50 CASCADABLE MULTISWITCH



Code : **9130185**

Model : **ML-301**

### Description

Cascable 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.

<b>CÓDIGO-CODE-CODE</b>	<b>9130185</b>
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<b>MODELO-MODEL-MODÈLE</b>	<b>ML-301</b>
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Input/Output/Tap		13/13/50
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<b>PASIVE MODE</b>				
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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)

<b>ACTIVE MODE</b>				
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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 measurement methods of the following standards:

EN 60728-3, EN 60728-4 and EN 60728-5