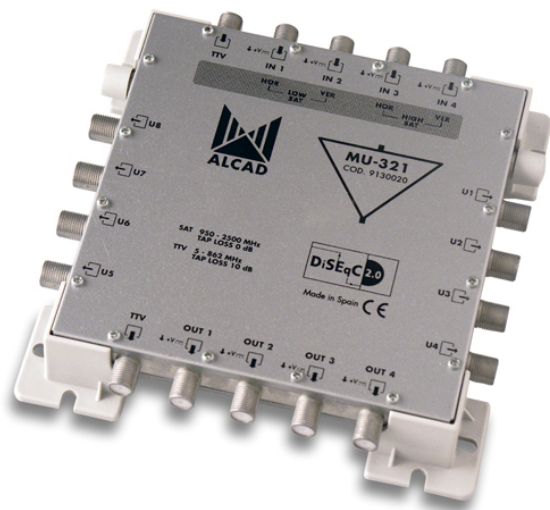


# 913 MULTISWITCHES

## CASCADABLE MULTISWITCH, 5X8 ACTIF



Code : **9130020**

Model : **MU-321**

### Description

Multiswitches for 4 polarities and terrestrial TV with 4, 8 or 16 outputs, for installations in cascade. The inputs of the 4 polarities and the terrestrial TV are amplified. The tap outlets are amplified on the IF satellite band. Power must be supplied from the inputs or the through outputs to feed the built-in line amplifiers. Must be powered from each individual receiver to feed the switching and amplification of each tap output. To feed the active multiswitches, the FU-513 power unit is used; it is connected to the AU-620 amplifier of the cascade.

### Applications

Medium-sized to large MATV and SMATV installations. Enables distribution to up to 120 TV outlets in a single line, with power supplied only at the head-end of the cascade. By dividing the installation into lines of 120 outlets and distributing the 4 polarities and the terrestrial TV to all the lines, it is possible to reach more than 2,000 outlets. Distribution in cascade from the first multiswitch, with 5 coaxial cables between multiswitches and a single coaxial cable to each TV outlet. For each outlet, the multiswitch distributes a satellite polarity as well as the terrestrial TV. The polarity is selected from the individual receiver using the LNB control signals.

### Characteristics

Return path included from 5 to 65MHz. Shielded zamak chassis with plastic supports. F-type connectors. Distances of more than 75m between multiswitch and outlet. Up to 100 terrestrial TV channels.

CODE		9130020				9130021			
MODEL		MU-321				MU-621			
TV system		FM-TV / DVB-S / AM-TV / DVB-T							
Connection		F female							
Inputs		5							
Outputs		5							
Tap outputs		8				16			
Frequency range	MHz	5-65	86-862	950-2150	2150-2500	5-65	86-862	950-2150	2150-2500
Tap loss	dB±TOL	18 ±1,0	11 ±2,0	-	-	19 ±1,0	11 ±2,0	-	-
Tap gain		-	-	3 ±2,0	3 ±2,0	-	-	2 ±3,0	2 ±3,0
Tap equalization	dB	-	14	11	-	-	14	13	-
Tap flatness response	dB	±3							
Output level	dBµV	-		100 (IMD3 - 35 dB) 90 (IMD2 - 35 dB)		-		100 (IMD3 - 35 dB) 90 (IMD2 - 35 dB)	
Through gain	dB	9 ±1,0	8.5 ±0,5	7.5 ±0,5		8 ±1,0	6 ±0,5	6.5 ±0,5	
Through equalization	dB	1	3	4.5	-	1	3	4	-
Through flatness response	dB	±0.25							
Through output level	dBµV	119 DIN45004B 116 (IMD3 - 60 dB) 109 (IMD2 - 60 dB) 106 (CTB - 60 dB) 110 (CSO - 60 dB) 106 (XMOD - 60 dB)		114 (IMD3 - 35 dB) 110 (IMD2 - 35 dB)		116 DIN45004B 113 (IMD3 - 60 dB) 106 (IMD2 - 60 dB) 106 (CTB - 60 dB) 110 (CSO - 60 dB) 106 (XMOD - 60 dB)		111 (IMD3 - 35 dB) 107 (IMD2 - 35 dB)	