913 MULTISWITCHES

AMPLIFIER MULTISWITCH 8 INPUTS 21 DB

Code : **9130169**

Model : **AU-641**

Description
SAT amplifier for 4, 8 or 16 polarities, for installations in cascade. For 16 polarities, two stacked amplifiers of 8 polarities are installed. Equipped with gain control and independent equaliser for each polarity. Requires the FU-513 power supply unit, from the NET power supply connector, to feed the amplifier and intermediate active multiswitches. To power the LNB, the FU-612 power supply unit is used.

Applications
Medium-sized to large MATV and SMATV installations. Enables distribution to up to 128 TV outlets in a single line, with a single amplifier and FU-513 power supply unit. By dividing the installation into lines of 128 outlets and distributing the 4 or 8 polarities and the terrestrial TV to all the lines, it is possible to reach more than 2,000 outlets. Amplifies and equalises all the polarities before the cascade of multiswitches.

Characteristics
Return path included from 5 to 65MHz. Shielded zamak chassis with plastic supports. F-type connectors. Two power supply jacks, 9.5mm x 2.1mm for the NET cascade and for the LNB.

CODE		9130168		9130169	
MODEL		AU-621		AU-641	
TV System		FM-TV / DVB-S / AM-TV / DVB-T			
Connection		F Female			
Outputs		5		9	
Frequency range	Bande	VR/TV	SAT	VR/TV	SAT
	MHz	5-862	950-2500	5-862	950-2500
Through loss	dB±TOL	1.5 ±0,5	-	1.5 ±0,5	-
Gain	dB±TOL	-	21 ±1,0	-	21 ±1,0
Flatness response	dB	±0,75			
Gain adjustment	dB	-	18 ±2	-	18 ±2
Adjustable equalization range	dB	-	8 (switchable)	-	8 (switchable)
Output level	dBµV	-	120.0 (IMD_3-35dB) 110.0 (IMD_2-35dB)	-	120.0 (IMD_3-35dB) 110.0 (IMD_2-35dB)
Trunk isolation	dB	>30 SAT/TV > 28 SAT/TV			
Noise figure	dB	-	13 ±3,0	-	13 ±3,0
Return loss I/O	dB	>14			
Power supply of the LNB		-	2000 mA (18V⎓)	-	2000 mA (18V⎓)
Output voltage	V⎓	-	6.5	-	6.5
	mA	-	3040	-	2240
Power supply	V⎓	7.5			
	mA	675		1350	
Operating temperature close to equipment	ºC	-10..+65			
Room T with/without fan	ºC	-10..+55/+45			
Protection index		IP 30			
Units per packaging		1	9	1	5
Packing weight	Kg	0.5	4.7	0.7	6.5
Packing dimensions	mm	170 x 160 x 35	310 x 230 x 185	245 x 160 x 35	312 x 275 x 210