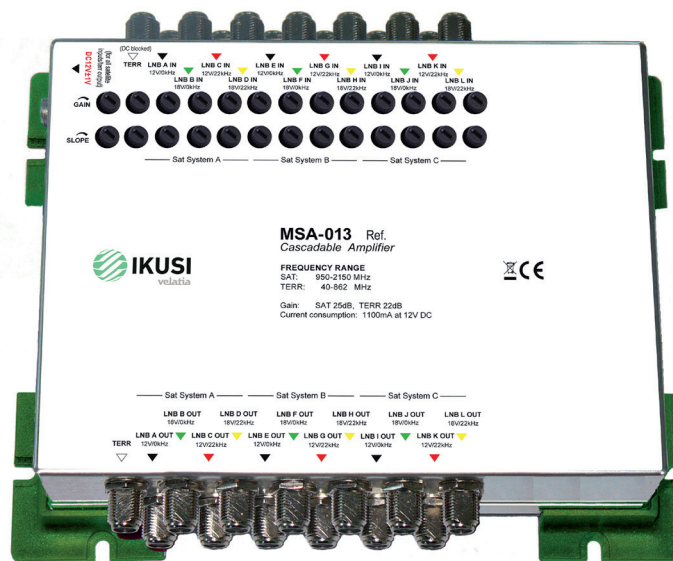




Amplifier 13 inputs (12 sat+1 terr)

A solution for compensating through losses of multiswitches, taps, splitters



Line amplifiers for 12 satellite polarizations and 1 terrestrial signal



Cascade mounting with MSC Multiswitches



Sloped output

- Adjustable slope response for satellite frequencies.
- All models with power supply included, MSA-005 except.
- European product.
- Indoor mounting and wall fixing.

MODEL		MSA-005	MSA-009	MSA-013	MSA-017
REF.		3780	3781	3782	3783
Number of inputs		5 (4 SAT inputs+1 TERR input)	9 (8 SAT inputs+1 TERR input)	13 (12 SAT inputs+1 TERR input)	17 (16 SAT inputs+1 TERR input)
Number of outputs		5	9	13	17
Frequency range SAT	MHz	950 - 2150	950 - 2150	950 - 2150	950 - 2150
Frequency range TERR	MHz	40 - 862	40 - 862	40 - 862	40 - 862
Gain SAT	dB	10 - 15	25	25	25
Gain TERR	dB	10 - 15	22	22	22
Isolation between trunk lines	dB	25	25	25	25
Maximum input level SAT	dBμV	103 - 98	90	90	90
Maximum input level TERR	dBμV	99 - 94	85	85	85
Maximum output level SAT	dBμV	113	115	115	115
Maximum output level TERR	dBμV	109	107	107	107
Current consumption	mA	350	700	1100	1350
DC supply voltage	Vdc	9 - 20	12	12	12
Operating temperature	°C	-30 ... +70	-25 ... +50	-25 ... +50	-25 ... +50
Dimensions (w x d x h)	cm	12,7 x 10,4 x 4,1	18,6 x 14,6 x 5,5	18,6 x 14,6 x 5,5	18,6 x 14,6 x 5,5

Application example

The diagram illustrates the application of IKUSI MSA amplifiers. It shows a vertical stack of units: an MSA-013 amplifier at the top, followed by three MSC-1310-15 units, two MSC-1310-10 units, and another MSA-013 amplifier at the bottom. Each unit is connected to satellite dishes (indicated by arrows) and has multiple output ports. To the right, four individual views of the MSA-005, MSA-009, MSA-013, and MSA-017 models are shown. Below these is a power supply unit (PSA-012) with its power and signal cables.

Power supply

MODEL	PSA-012
REF.	3784
Input voltage	90-265 AC 50/60 Hz
Output voltage	12 Vdc
Maximal output current	2 A
Efficiency	75 %
Operating temperature	-30 ... +50 °C
Dimensions	16 x 6,4 x 5 mm