



Multiswitches 100% **ALCAD**

ALCAD, using its new image, launches to market a new *range of multiswitches* with a new design.

This range guarantees compactness on product and enables a faster and easier installation due to a new system of fixation on wall.

All supported on an attractive fully Alcad design that enhances the features of the multiswitch.



MULTISWITCHES

FUNCTIONS

- Satellite TV signal distribution
- For either individual housing or big condominiums
- Outputs that allow the union of several elements and thus increasing the amount of end users in the same riser
- Return path 5-30 MHz or 5-65 MHz

MAIN CHARACTERISTICS

- Compact solution
- Robustness due to its metallic chassis
- Attractive design
- Final multiswitches with power supply included

AVAILABLE MODELS

Multiswitches for 1 satellite

CASCADABLE

9130149	ML-102	Multiswitch cascadable 5x8
9130150	ML-103	Multiswitch cascadable 5x12
9130151	ML-104	Multiswitch cascadable 5x16
9130152	ML-105	Multiswitch cascadable 5x20
9130153	ML-106	Multiswitch cascadable 5x24
9130159	ML-108	Multiswitch cascadable 5x32

FINAL

9130144	MB-102	Multiswitch final 5x8
9130145	MB-103	Multiswitch final 5x12
9130146	MB-104	Multiswitch final 5x16
9130147	MB-105	Multiswitch final 5x20
9130148	MB-106	Multiswitch final 5x24
9130160	MB-108	Multiswitch final 5x32

Multiswitches for 2 satellites

CASCADABLE

9130094	ML-202	Multiswitch cascadable 9x8
9130095	ML-203	Multiswitch cascadable 9x12
9130096	ML-204	Multiswitch cascadable 9x16
9130097	ML-205	Multiswitch cascadable 9x20
9130098	ML-206	Multiswitch cascadable 9x24
9130171	ML-208	Multiswitch cascadable 9x32

FINAL

9130069	MB-202	Multiswitch final 13x8
9130070	MB-203	Multiswitch final 13x12
9130071	MB-204	Multiswitch final 13x16
9130072	MB-205	Multiswitch final 13x20
9130073	MB-206	Multiswitch final 13x24
9130170	MB-208	Multiswitch final 13x32

Multiswitches for 3 satellites

CASCADABLE

9130114	ML-302	Multiswitch cascadable 13x8
9130115	ML-303	Multiswitch cascadable 13x12
9130116	ML-304	Multiswitch cascadable 13x16
9130117	ML-305	Multiswitch cascadable 13x20
9130118	ML-306	Multiswitch cascadable 13x24
9130173	ML-308	Multiswitch cascadable 13x32

FINAL

9130079	MB 302	Multiswitch final 9x8
9130080	MB 303	Multiswitch final 9x12
9130081	MB 304	Multiswitch final 9x16
9130082	MB 305	Multiswitch final 9x20
9130083	MB 306	Multiswitch final 9x24
9130172	MB 308	Multiswitch final 9x32

Multiswitches for 4 satellites

CASCADABLE

9130134	ML-402	Multiswitch cascadable 17x8
9130135	ML-403	Multiswitch cascadable 17x12
9130136	ML-404	Multiswitch cascadable 17x16
9130137	ML-405	Multiswitch cascadable 17x20
9130138	ML-406	Multiswitch cascadable 17x24
9130175	ML-408	Multiswitch cascadable 17x32

FINAL

9130089	MB-402	Multiswitch final 17x8
9130090	MB-403	Multiswitch final 17x12
9130091	MB-404	Multiswitch final 17x16
9130092	MB-405	Multiswitch final 17x20
9130093	MB-406	Multiswitch final 17x24
9130174	MB-408	Multiswitch final 17x32

ATTENUATION

Mode

Active: At the user output both terrestrial and satellite bandwidth are amplified

Passive: At the user output only the satellite bandwidth is amplified

Return path

In active mode the TV frequency range is 47 to 862 MHz

In passive mode the frequency range of TV and return path is 5 to 862 MHz

Compatible with return path 5-30 MHz or 5-65 MHz

	Passive mode			Active mode	
	Return	TV	SAT	TV	SAT
MB-102	19,0	19,0	-2,0	-1,0	-2,0
MB-103	20,0	20,0	-1,0	0,0	-1,0
MB-104	20,0	20,0	-1,0	0,0	-1,0
MB-105	22,0	22,0	0,0	2,0	0,0
MB-106	22,0	22,0	0,0	2,0	0,0
MB-108	27,0	27,0	1,0	2,0	1,0

	Passive mode			Active mode	
	Return	TV	SAT	TV	SAT
ML-102	22,0	22,0	-2,0	2,0	-2,0
ML-103	23,0	23,0	-1,0	3,0	-1,0
ML-104	23,0	23,0	-1,0	3,0	-1,0
ML-105	25,0	25,0	0,0	5,0	0,0
ML-106	25,0	25,0	0,0	5,0	0,0
ML-108	31,0	31,0	1,0	11,0	1,0

	Passive mode			Active mode	
	Return	TV	SAT	TV	SAT
MB-202	16,0	16,0	3,0	4,0	3,0
MB-203	18,0	18,0	3,0	-2,0	3,0
MB-204	19,0	19,0	3,0	-1,0	3,0
MB-205	20,0	20,0	3,0	0,0	3,0
MB-206	21,0	21,0	3,0	1,0	3,0
MB-208	30,0	30,0	3,0	10,0	3,0

	Passive mode			Active mode	
	Return	TV	SAT	TV	SAT
ML-202	20,0	20,0	3,0	0,0	3,0
ML-203	22,0	22,0	3,0	2,0	3,0
ML-204	23,0	23,0	3,0	3,0	3,0
ML-205	24,0	24,0	3,0	4,0	3,0
ML-206	25,0	25,0	3,0	5,0	3,0
ML-208	31,0	31,0	3,0	14,0	3,0

	Passive mode			Active mode	
	Return	TV	SAT	TV	SAT
MB-302	20,0	20,0	-1,0	0,0	-1,0
MB-303	20,0	20,0	1,0	0,0	1,0
MB-304	20,0	20,0	1,0	0,0	1,0
MB-305	20,0	20,0	1,0	1,0	1,0
MB-306	20,0	20,0	1,0	1,0	1,0
MB-308	22,0	22,0	2,0	2,0	2,0

	Passive mode			Active mode	
	Return	TV	SAT	TV	SAT
ML-302	23,0	23,0	1,0	3,0	1,0
ML-303	23,0	23,0	1,0	3,0	1,0
ML-304	23,0	23,0	1,0	3,0	1,0
ML-305	24,0	24,0	1,0	4,0	1,0
ML-306	24,0	24,0	1,0	4,0	1,0
ML-308	25,0	25,0	2,0	5,0	2,0

	Passive mode			Active mode	
	Return	TV	SAT	TV	SAT
MB-402	20,0	20,0	-1,0	0,0	-1,0
MB-403	20,0	20,0	1,0	0,0	1,0
MB-404	20,0	20,0	1,0	0,0	1,0
MB-405	20,0	20,0	1,0	1,0	1,0
MB-406	20,0	20,0	1,0	1,0	1,0
MB-408	22,0	22,0	2,0	2,0	2,0

	Passive mode			Active mode	
	Return	TV	SAT	TV	SAT
ML-402	23,0	23,0	1,0	3,0	1,0
ML-403	23,0	23,0	1,0	3,0	1,0
ML-404	23,0	23,0	1,0	3,0	1,0
ML-405	24,0	24,0	1,0	4,0	1,0
ML-406	24,0	24,0	1,0	4,0	1,0
ML-408	25,0	25,0	2,0	5,0	2,0

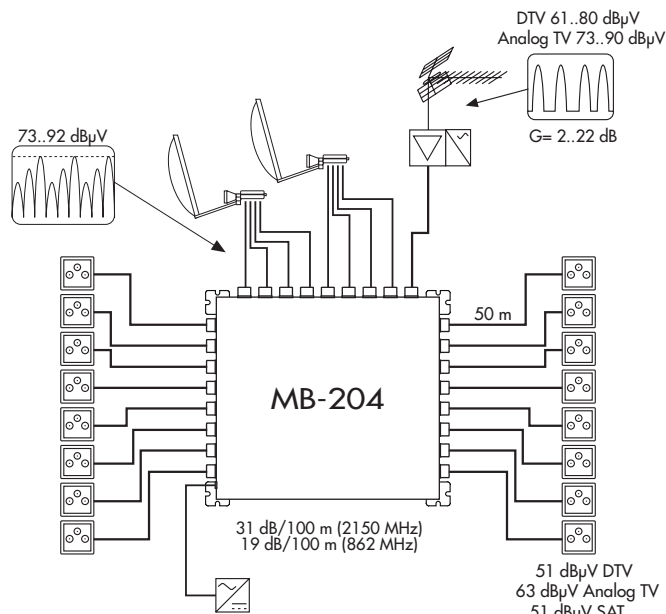
Attenuations

The negative values are gains

The positive values are attenuations

SCHEMATICS OF INSTALLATION

WITH FINAL MODULE



WITH CASCADABLE AND FINAL MODULES

