

everest

THE RANGE OF MULTIBAND AMPLIFIERS INSPIRED BY THE TOP OF THE WORLD



WIDE and COMPLETE range. All Everest multiband amplifiers have **117 dB μ V** output level.



RELIABLE AND VERSATILE. Redundant power supply thanks to the integrated power supply and the option to connect an external one. This feature reduces dramatically the risk of failure. Moreover, switchable gain makes it adaptable to any kind of installation.



ROBUST. There are no plastic elements on the Everest range by offering a 100% metallic chassis and prepared for harsh environment.



EASY and QUICK installation and commissioning. No need to use a programmer or any special tools.



COMPACT DESIGN. This range is the smallest we have ever created; it will fit into any gap in the installation with its 156x139x36 millimeters.



Made in Spain and **CE** certificate

CODE MODEL	9040137 CA-641				9040131 CA-642				9040135 CA-643					
Number of inputs/outputs/test	3 / 1 / 1				4 / 1 / 1				5 / 1 / 1					
Frequency range	Band	UHF	BIII/DAB	BI/FM	UHF1	UHF2	BIII/DAB	BI/FM	UHF1	UHF2	UHF3	BIII/DAB	BI/FM	
	MHz	470-790	160-260	47-108	470-790		160-260		47-108		470-790		160-260	47-108
LTE Filter	LTE800				LTE800				LTE800					
Gain	dB \pm TOL	45/30 \pm 1,0 Switchable	32 \pm 1,0	32 \pm 2,0	45/30 \pm 1,0 Switchable		32 \pm 1,0	32 \pm 2,0	40/25 \pm 1,0 Switchable	45/30 \pm 1,0 Switchable	32 \pm 1,0	32 \pm 2,0		
	Gain adjustment	dB	16	20		16		20		16		20		
Noise figure	dB	6 \pm 1,0	7 \pm 1,0	8 \pm 1,0	9 \pm 1,0		7 \pm 1,0	8 \pm 1,0	12 \pm 1,0		7 \pm 1,0	8 \pm 1,0		
	Output voltage	Vdc	24		24		24		24		24			
Mains voltage	mA	60			60				60					
	Vac	99-264				99-264				99-264				
External voltage	W	7				8,8				11,7				
	Vdc	24				24				24				
External voltage	mA	240				300				410				

CODE MODEL	9040132 CA-662				9040138 CA-664				
Number of inputs/outputs/test	4 / 1 / 1				4 / 1 / 1				
Frequency range	Band	UHF1	UHF2	BIII/DAB	BI/FM	UHF1	UHF2	BIII/DAB	BI/FM
	MHz	470-694		160-260	47-108	470-790	470-694	160-260	47-108
LTE Filter	LTE700				LTE800				
Gain	dB \pm TOL	45/30 \pm 1,0 Switchable		32 \pm 1,0	32 \pm 2,0	45/30 \pm 1,0 Switchable		32 \pm 1,0	32 \pm 2,0
	Gain adjustment	dB	16	20		16		20	
Noise figure	dB	9 \pm 1,0	7 \pm 1,0	8 \pm 1,0	9 \pm 1,0		7 \pm 1,0	8 \pm 1,0	
	Output voltage	Vdc	24		24		24		
Mains voltage	mA	60			60				
	Vac	99-264				99-264			
External voltage	W	7				8,8			
	Vdc	24				24			
External voltage	mA	240				300			

Output level dB μ V: 117 DIN 45004B

Mains voltage (Vac): 99-264
Power consumption (W): 8,8
External voltage (Vdc): 24
External current (mA): 300

CODE MODEL	9040136 CA-611				9040133 CA-612				9040134 CA-613					
Number of inputs/outputs/test	3 / 1 / 1				4 / 1 / 1				5 / 1 / 1					
Frequency range	Band	UHF	BIII/DAB	BI/FM	UHF1	UHF2	BIII/DAB	BI/FM	UHF1	UHF2	UHF3	BIII/DAB	BI/FM	
	MHz	470-862	160-260	47-108	470-862		160-260		47-108		470-862		160-260	47-108
Gain	dB \pm TOL	45/30 \pm 1,0 Switchable	32 \pm 1,0	32 \pm 2,0	45/30 \pm 1,0 Switchable		32 \pm 1,0	32 \pm 2,0	40/25 \pm 1,0 Switchable	45/30 \pm 1,0 Switchable	32 \pm 1,0	32 \pm 2,0		
	Gain adjustment	dB	16	20		16		20		16		20		
Noise figure	dB	6 \pm 1,0	7 \pm 1,0	8 \pm 1,0	9 \pm 1,0		7 \pm 1,0	8 \pm 1,0	12 \pm 1,0		7 \pm 1,0	8 \pm 1,0		
	Output voltage	Vdc	24		24		24		24		24			
Mains voltage	mA	60			60				60					
	Vac	99-264				99-264				99-264				
External voltage	W	7				8,8				11,7				
	Vdc	24				24				24				
External voltage	mA	240				300				410				

Range common characteristics:

- Operating temperature (°C): -10 ... +65
- Protection index: IP 20

For more information, check rules sheets available on our website www.alcad.net