

# everest

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



 WIDE and COMPLETE range. All Everest multiband amplifiers have 117 dBµV 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.

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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  $\mathbf{C} \mathbf{\epsilon}$  certificate

LTE 800 Utput level dBpV: 117 DIN 45004B

CODE MODEL			9040131 CA-642				9040135 CA-643					
Number of inputs/outputs/test		CA-641 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± tol	45/30 ± 1,0 Switchable	<b>32</b> ± 1,0	<b>32</b> ± 2,0	45/30 ± 1,0 Switchable		<b>32</b> ± 1,0	<b>32</b> ± 2,0	<b>40/25</b> ± 1,0 Switchable	45/30 ± 1,0 Switchable	<b>32</b> ± 1,0	32 ± 2,0
Gain adjustment	dB	16	20		16		20		16		20	
Noise figure	dB	<b>6</b> ±1,0	7 ±1,0	<b>8</b> ±1,0	9 ±1,0		7 ±1,0	<b>8</b> ±1,0	12 ±1,0		7 ±1,0	<b>8</b> ±1,0
Output voltage	Vdc	24			24				24			
	mA	60			60		[		60			
Mains voltage	Vac	Vac 99-264				99-264			99-264			
	W	7			8,8			11,7				
External voltage	Vdc	24			24				24			
	mA		300				410					

# LTE 700 Lte

CODE			904	40132	9040138						
MODEL			CA	-662		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	LTE700				
Gain	dB± tol	<b>45/30</b> ± 1,0 Switchable		<b>32</b> ± 1,0	<b>32</b> ± 2,0	<b>45/30</b> ± 1,0 Switchable		<b>32</b> ± 1,0	32 ± 2,0		
Gain adjustment	dB	16		20		16		20			
Noise figure	dB	9 ±1,0		7 ±1,0	8 ±1,0	9 ±1,0		7 ±1,0	<b>8</b> ±1,0		
Output voltage	Vdc	24		· · · · · · · · · · · · · · · · · · ·		24			1		
	mA	6	0			é	50				

Output level dBµV: 117 DIN 45004B

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

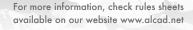
# Full Band Output level dBpV: 117 DIN 45004B

CODE		9040136			9040133				9040134				
MODEL			CA-612				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± tol	<b>45/30</b> ± 1,0 Switchable	<b>32</b> ± 1,0	<b>32</b> ± 2,0	45/30 ± 1,0 Switchable		<b>32</b> ± 1,0	<b>32</b> ± 2,0		5 ± 1,0 hable	45/30 ± 1,0 Switchable	<b>32</b> ± 1,0	32 ± 2,0
Gain adjustment	dB	16	16 20		16		20		16		20		
Noise figure	dB	<b>6</b> ±1,0	7 ±1,0	8 ±1,0	9 ±1,0		7 ±1,0	8 ±1,0	12 ±1,0		7 ±1,0	<b>8</b> ±1,0	
Output voltage	Vdc	24			24				24				
	mA	60			60					60			
Mains voltage	Vac 99-264			99-264			99-264						
	W	7			8,8			11,7					
External voltage	Vdc	24				24			24				
	mA	240			300				410				

Range common characteristics:

- Operating temperature (°C): -10 ... +65

- Protection index: IP 20





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