

NP100

100 products in 18 months



T.12 SINGLE CHANNEL AMPLIFIER

REF. 508012, 508112, 508212, 508312, 508612, 508712, 508812, 508912, 509812, 509912 and 549812.



Televés launches the new single channel amplifiers T.12, an advanced evolution of this product line which reflects the experience accumulated since 1981 when it launched its first single-channel amplifier unit in the market with "Z" connection system (input and output loop-through).

With these single-channel amplifiers T.12, Televés has achieved a product that provides an excellent performance in signal processing, featuring a frequency tuning as simple as precise.

T12 modules are manufactured using the latest generation robotised lines, and are subject to the most stringent quality control: a guarantee of reliability and unprecedented stability.

Prepared to adapt to the emerging digital dividend relocation, this product bears the Televés mark LTE Ready.

Televés has placed all his experience and good work in these T12 modules, the new benchmark in single channel amplifiers on the market.

- Full **compatibility** with the previous **T03** model, as well as its power supply unit.
- **High reliability** thanks to its fully robotised manufacturing.
- Significant improvements in the design of its **shielding**.
- **Modular and expandable**.
- The PSU of the T12 system can **power up to 24 modules**.
- It allows **powering preamplifiers through its input coaxial cable**.

REF	DESCRIPTION	
508012	Broadband amplifier T12	FI
508112	Single-channel amplifier T12	BI
508212	Single-channel amplifier T12	FM
509912	Single-channel amplifier T12	DAB
508312	Single-channel amplifier T12	BIII
508712	Single-channel amplifier T12	BS Low
508812	Single-channel amplifier T12	BS High
508912	Single-channel amplifier T12	Hyperb.
509812	Selective single-channel amplifier	UHF
508612	Multi-channel amplifier UHF	UHF
549812	T12 system switched-mode PSU	

T12 SINGLE CHANNEL AMPLIFIER

THE SINGLE-CHANNEL AMPLIFIER IMMUNE TO LTE

TECHNICAL SPECIFICATIONS

Ref.	508112	508212	508312	508712	509912	508812	508912	508612	509812	508012	
	f_w MHz	47-88	87.5-108	174-230	104-174	195-232	230-300	302-470	470-862	950-2150	
	BW MHz	7	-	7	7	37	7	8	8*56	8	
	G	50	35	45	58	45	58	58	50	55	
	dB	35	35	35	35	35	35	35	30	30	
	EQ	-	-	-	-	-	-	-	-	0 + 12	
	V_{out} dBmV	123*	114*	123*	125*	-	124*	125*	125 + 111*	125*	
	A/D	-	-	-	-	114***	-	-	118* 102*	118*	
I_c mA		100								400	
V_{dc} V		24								13/17	
f_{mod} kHz		-								0/22	
I_c mA		70				95				130	
	P	≤1	<3	<3	<1	<3	<1	<1	<3	<2	
	R_{n+1}	-	-	-	-	-	-	>3	>18	-	
	R_{n+2} dB	>40	-	>30	>30	>20	>25	>30	>15	>50	
R_{n+3}	-	-	-	-	-	-	-	>20	-		
Noise figure	NF dB	<9								<11	<12.5

(*) EN 50083-5; (**) DIN VDE0855/12; (***) di = 50dB (2ch. 4MHz)

WIRING MAP EXAMPLES

