



T12-selective single-channel amplifier UHF (DTT): 470...862 MHz

Modular amplifier allowing the adjustment of individual UHF channels (DTT), with very high rejection of adjacent channels (50 dB). Each module allows the amplification of one channel (to be specified with the module's order). Perfect format for headend mounting, with additional T12-series amplifiers.

RED compliant

Ref.	509812
Logical ref.	T12UHF55
EAN13	8424450239605

Packaging info

Box	1 pcs.
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Physical data

Net weight	658.00 g
Gross weight	771.00 g
Width	35.00 mm
Height	198.00 mm
Depth	103.00 mm
Main product weight	628.00 g

Highlights

- Modular system that eases extension, custom configuration, and amplifier replacement
- Very high gain (adjustable)

Main features

- Mounting on DIN rail, case or rack
- Provided with all the elements required for commissioning (jumpers, power supply patch cords, etc.)

Discover

T12 series: Single-channel amplification

The evolution of single-channel amplification results in the advanced T12 product line. This series brings together the experience gained by Televes ever since the introduction of its first single-channel module with Z connection system in the market, back in 1981. The result is an end product that provides an unbeatable performance in terms of signal processing, with precise and simple frequency settings.

T.12 modules are manufactured in new generation automated lines, and undergo the most stringent quality controls, a guarantee of unprecedented reliability and stability. Designed for adaptation, the T12 series is always the most flexible solution for the relocations entailed by the digital dividend: a product with the LTE-Ready seal.

T12 series features

- Full compatibility with the previous T03 model and its power supply
- Highly reliable, thanks to its fully automated manufacturing
- Significant enhancement of the shielding design, with a Zamak chassis
- Power supply of up to 24 modules, thanks to a power supply the size of one module
- Remote powering of pre-amplifiers or BOSS system by means of a switch

Technical specifications : Ref. 509812

Bands		UHF
Frequency range	MHz	470 ... 890
Channels		1
CCIR channel bandwidth	MHz	8
Gain	dB	50
Gain adjustment range	dB	0 ... 30
Output level EN50083	dBµV	118
Powering per inputs	Vdc	24
Max current input	mA	100
Powering	Vdc	24
Max. current	mA	195
Flatness	dB	< 2
Adjacent channel rejection	dB	> 18
2 adjacent channels rejection	dB	> 50
Protection index (IP)		20
Operating temperature	°C	-5 ... 45