

## Power supply for MAP401

## PSU511



The PSU511 power supply, with 1 input and 1 output, is a high level power supply which can be used in any installation. Stabilised, protected against accidental short circuits and with input and output F connectors, it is a switch mode power supply that guarantees low consumption and high efficiency, with a fully screened RF section. This enables any kind of interference to be prevented. Fully compatible with DTT signals in COFDM modulation, the PSU511 can be used with an MAP401 mast amplifier.

## Main Specifications

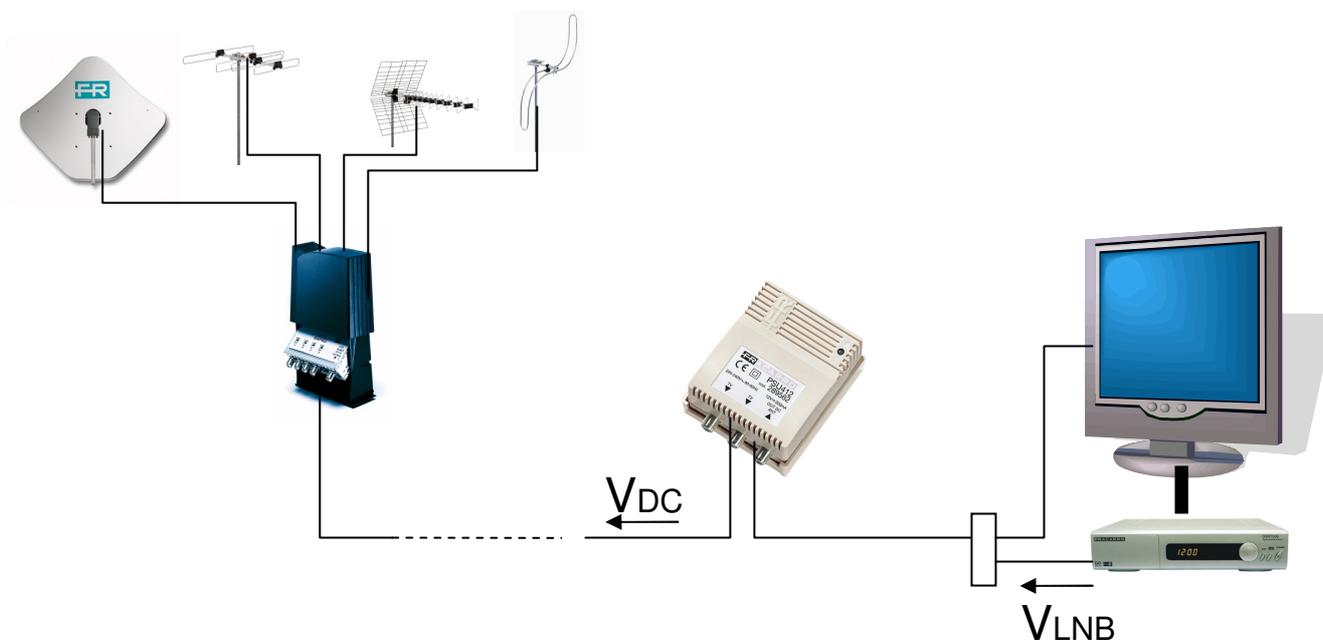
- 1 input; 1 output
- Guaranteed performance in the operating temperature range
- Suitable for SAT distribution, can be used with MAP401
- Available individually or in a MAP401K kit with an MAP401 mast amplifier
- Protected against short circuits, operation is automatically restored after a short circuit
- Switch mode technology
- Low power consumption
- Allows LNB control voltages/commands to pass through

		PSU511
Fracarro code		289851
Outputs	No.	1
<b>Technical Specifications</b>		
Output voltage	VDC	12
Max. output current	mA	200
Insertion loss	dB	2
<b>Main Features</b>		
Mains voltage	V, Hz	220–230, 50/60
Connectors	Type	F
Isolation	Class	II
Dimensions (L X H X W)	mm	92 x 49 x 109
Operating temperature	°C	-10 to +55
Compliant		EN60065: 2004-06, EN50083-2: 2006-05

Fracarro code	Item	Packaging	Quantity	Dimensions	Net weight	Total weight
			pcs	mm	Kg	Kg
289851	PSU511	Individual packaging	1	102x50x115	0.25	0.26



## Installation example



The diagram above shows a typical installation of a PSU511 with MAP401 mast amplifier.

The MAP401 amplifies the signal coming from terrestrial antennas and mixes the signal from the satellite dish.

When the SAT receiver is OFF, the PSU511 feeds the MAP401 with 12V ( $V_{DC}=12V$ ).

When the SAT receiver is ON, the PSU511 lets the DC voltage (14 or 18V, 0/22KHz, possible DiSEqC commands) coming from the receiver to pass-through in order to power the LNB and the MAP401 ( $V_{DC}=V_{LNB}$ ).